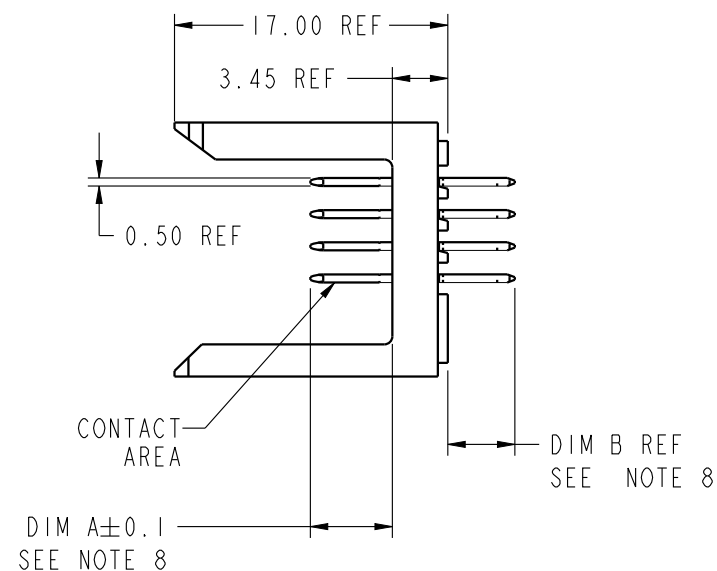
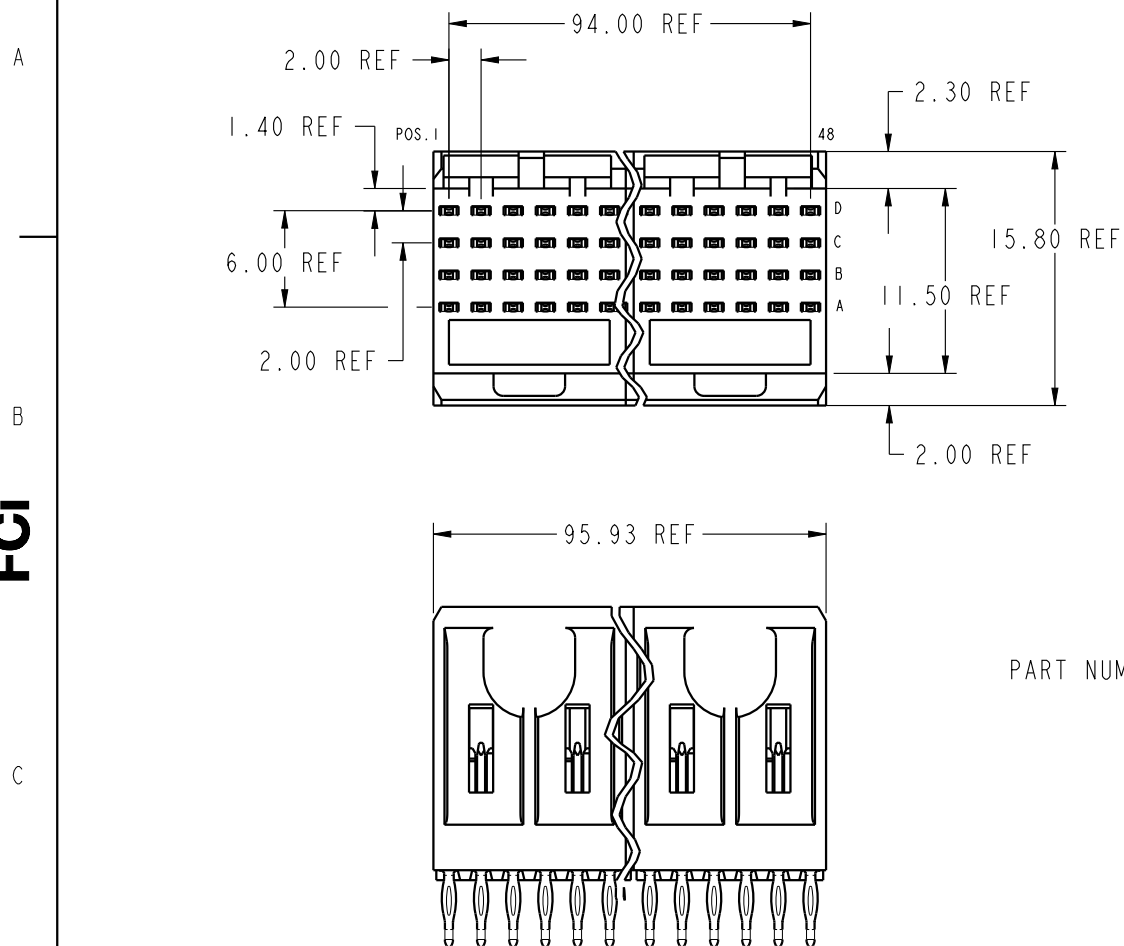
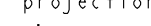


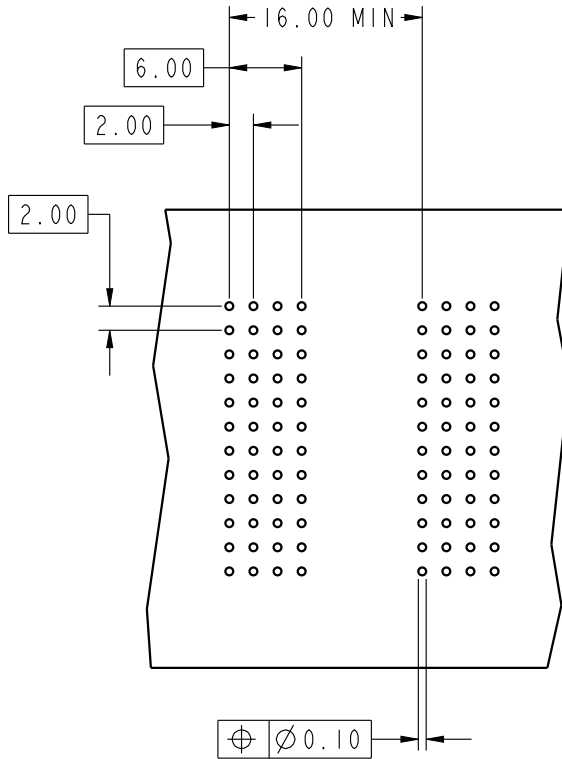


PART NUMBER : 89076-XYX(L)LF

REFER LUBRICATED (OPTIONAL) SEE NOTE 4

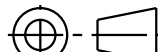
X REFER PLATING PERFORMANCE  $\Delta$   
SEE NOTE 4

|                                                                                                            |         |       |        |                  |               |                                                |                                                                                                  |                                                                                       |                |               |       |        |           |          |
|------------------------------------------------------------------------------------------------------------|---------|-------|--------|------------------|---------------|------------------------------------------------|--------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|----------------|---------------|-------|--------|-----------|----------|
| spec ref *                                                                                                 |         |       |        | dr               | Terran Huang  | 2010/11/03                                     |  projection |  | size           | A4            | scale | 21:10  |           |          |
| tolerance std<br>ISO 406<br>ISO 1101<br>TOLERANCES UNLESS OTHERWISE SPECIFIED                              |         |       |        | eng              | Rahul Mohan-M | 2021/08/16                                     |                                                                                                  |                                                                                       | ecn no         | ELX-1-41803-1 |       |        |           |          |
|                                                                                                            |         |       |        | chr              | -             | -                                              |                                                                                                  |                                                                                       | product family |               |       | METRAL | rel level | Released |
| appr                                                                                                       |         |       |        | Kuriakose, San   | 2021/08/16    |                                                |                                                                                                  |                                                                                       |                |               |       |        |           |          |
| surface<br><br>ISO 1302 | linear  | 0.X   | ±0.3   | Amphenol<br>FCi  | title         | METRAL SIGNAL HEADER<br>8 MOD, 4 ROW PRESS-FIT |                                                                                                  |                                                                                       |                | dwg no        | 89076 |        | rev       | V        |
|                                                                                                            |         | 0.XX  | ±0.13  |                  |               |                                                |                                                                                                  |                                                                                       |                |               |       |        |           |          |
|                                                                                                            |         | 0.XXX | ±0.050 |                  |               |                                                |                                                                                                  |                                                                                       |                |               |       |        |           |          |
|                                                                                                            | angular | 0°    | ±2°    | amphenol-icc.com | cat. no.      | Product - Customer Drw                         |                                                                                                  |                                                                                       |                | sheet 1 of 11 |       |        |           |          |



REQUIRED PC BOARD LAYOUT  
COMPONENT SIDE  
SEE PRINT 58351 FOR  
ADDITIONAL PCB INFORMATION

| KEY  |                 |                 |
|------|-----------------|-----------------|
| CODE | DIMENSIONS      |                 |
|      | DIM "A"<br>MATE | DIM "B"<br>TAIL |
| 1    | 5.00            | 4.30            |
| 2    | 5.75            | 4.30            |
| 3    | 6.50            | 4.30            |
| 4    | 7.25            | 4.30            |
| 7    | 6.50            | 13.60           |
| 8    | 7.25            | 13.60           |
| 11   | 6.50            | 17.00           |
| 12   | 7.25            | 17.00           |
| 19   | 8.00            | 4.30            |
| 20   | 8.00            | 13.60           |
| 21   | 8.00            | 17.00           |
| 22   | 5.00            | 12.10           |
| 25   | 5.75            | 15.60           |
| 40   | 5.00            | 15.60           |
| 41   | 6.50            | 15.60           |
| 42   | 7.25            | 15.60           |
| 43   | 8.00            | 15.60           |
| 59   | 5.00            | 11.80           |
| 60   | 5.75            | 11.80           |
| 61   | 6.50            | 11.80           |
| 62   | 7.25            | 11.80           |
| 63   | 8.00            | 11.80           |

|               |                                       |         |       |        |                  |            |                                                                                                             |                                                                                                     |                        |               |        |           |               |          |   |
|---------------|---------------------------------------|---------|-------|--------|------------------|------------|-------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------|------------------------|---------------|--------|-----------|---------------|----------|---|
| spec ref      |                                       | *       |       | dr     | Terran Huang     | 2010/11/03 | <div>projection</div>  | <div>MM</div>  | size                   | A4            | scale  | 11:10     |               |          |   |
| tolerance std | TOLERANCES UNLESS OTHERWISE SPECIFIED |         |       | eng    | Rahul Mohan-M    | 2021/08/16 |                                                                                                             |                                                                                                     | ecn no                 | ELX-I-41803-1 |        |           |               |          |   |
|               |                                       |         |       | chr    | -                | -          |                                                                                                             |                                                                                                     |                        |               |        |           |               |          |   |
|               |                                       |         |       | appr   | Kuriakose, San   | 2021/08/16 |                                                                                                             |                                                                                                     | product family         |               | METRAL | rel level |               | Released |   |
| surface       | 3.200                                 | linear  | 0.X   | ±0.3   | Amphenol FCI     | title      | METRAL SIGNAL HEADER                                                                                        |                                                                                                     |                        |               | dwg no | 89076     |               | rev      | V |
|               |                                       |         | 0.XX  | ±0.13  |                  |            |                                                                                                             |                                                                                                     |                        |               |        |           |               |          |   |
|               |                                       |         | 0.XXX | ±0.050 |                  |            |                                                                                                             |                                                                                                     |                        |               |        |           |               |          |   |
|               | ISO 1302                              | angular | 0°    | ±2°    | amphenol-icc.com |            | cat. no.                                                                                                    | -                                                                                                   | Product - Customer Drw |               |        |           | sheet 2 of 11 |          |   |



| METRAL<br>P/N | ROW | CONTACT CODE<br>MOD. 1 |    |    |    |    | MOD. 2 |    |    |    |    |    | MOD. 3 |    |    |    |    |    | MOD. 4 |    |    |    |    |    | MOD. 5 |    |    |    |    |    | MOD. 6 |    |    |    |    |    | MOD. 7 |    |    |    |    |    | MOD. 8 |    |    |    |    |    |    |    |    |
|---------------|-----|------------------------|----|----|----|----|--------|----|----|----|----|----|--------|----|----|----|----|----|--------|----|----|----|----|----|--------|----|----|----|----|----|--------|----|----|----|----|----|--------|----|----|----|----|----|--------|----|----|----|----|----|----|----|----|
|               |     | 1                      | 2  | 3  | 4  | 5  | 6      | 7  | 8  | 9  | 10 | 11 | 12     | 13 | 14 | 15 | 16 | 17 | 18     | 19 | 20 | 21 | 22 | 23 | 24     | 25 | 26 | 27 | 28 | 29 | 30     | 31 | 32 | 33 | 34 | 35 | 36     | 37 | 38 | 39 | 40 | 41 | 42     | 43 | 44 | 45 | 46 | 47 | 48 |    |    |
| 89076-X16LF   | D   | 59                     | 59 | 59 | 59 | 59 | 59     | 59 | 59 | 59 | 59 | 59 | 59     | 59 | 59 | 59 | 59 | 59 | 59     | 59 | 59 | 59 | 59 | 59 | 59     | 59 | 59 | 59 | 59 | 59 | 59     | 59 | 59 | 59 | 59 | 59 | 59     | 59 | 59 | 59 | 59 | 59 | 59     | 59 | 59 | 59 | 59 | 59 | 59 |    |    |
|               | C   | 59                     | 59 | 59 | 59 | 59 | 59     | 59 | 59 | 59 | 59 | 59 | 59     | 59 | 59 | 59 | 59 | 59 | 59     | 59 | 59 | 59 | 59 | 59 | 59     | 59 | 59 | 59 | 59 | 59 | 59     | 59 | 59 | 59 | 59 | 59 | 59     | 59 | 59 | 59 | 59 | 59 | 59     | 59 | 59 | 59 | 59 | 59 | 59 | 59 | 59 |
|               | B   | 59                     | 59 | 59 | 59 | 59 | 59     | 59 | 59 | 59 | 59 | 59 | 59     | 59 | 59 | 59 | 59 | 59 | 59     | 59 | 59 | 59 | 59 | 59 | 59     | 59 | 59 | 59 | 59 | 59 | 59     | 59 | 59 | 59 | 59 | 59 | 59     | 59 | 59 | 59 | 59 | 59 | 59     | 59 | 59 | 59 | 59 | 59 | 59 | 59 | 59 |
|               | A   | 61                     | 61 | 61 | 61 | 61 | 61     | 61 | 61 | 61 | 61 | 61 | 61     | 61 | 61 | 61 | 61 | 61 | 61     | 61 | 61 | 61 | 61 | 61 | 61     | 61 | 61 | 61 | 61 | 61 | 61     | 61 | 61 | 61 | 61 | 61 | 61     | 61 | 61 | 61 | 61 | 61 | 61     | 61 | 61 | 61 | 61 | 61 | 61 | 61 |    |

| METRAL<br>P/N | ROW | CONTACT CODE<br>MOD. 1 |    |    |    |    | MOD. 2 |    |    |    |    |    | MOD. 3 |    |    |    |    |    | MOD. 4 |    |    |    |    |    | MOD. 5 |    |    |    |    |    | MOD. 6 |    |    |    |    |    | MOD. 7 |    |    |    |    |    | MOD. 8 |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    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|---------------|-----|------------------------|----|----|----|----|--------|----|----|----|----|----|--------|----|----|----|----|----|--------|----|----|----|----|----|--------|----|----|----|----|----|--------|----|----|----|----|----|--------|----|----|----|----|----|--------|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----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|               |     | 1                      | 2  | 3  | 4  | 5  | 6      | 7  | 8  | 9  | 10 | 11 | 12     | 13 | 14 | 15 | 16 | 17 | 18     | 19 | 20 | 21 | 22 | 23 | 24     | 25 | 26 | 27 | 28 | 29 | 30     | 31 | 32 | 33 | 34 | 35 | 36     | 37 | 38 | 39 | 40 | 41 | 42     | 43 | 44 | 45 | 46 | 47 | 48 |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    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| 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 |

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|---------------|-----|------------------------|----|----|----|----|--------|----|----|----|----|----|--------|----|----|----|----|----|--------|----|----|----|----|----|--------|----|----|----|----|----|--------|----|----|----|----|----|--------|----|----|----|----|----|--------|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----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|               |     | 1                      | 2  | 3  | 4  | 5  | 6      | 7  | 8  | 9  | 10 | 11 | 12     | 13 | 14 | 15 | 16 | 17 | 18     | 19 | 20 | 21 | 22 | 23 | 24     | 25 | 26 | 27 | 28 | 29 | 30     | 31 | 32 | 33 | 34 | 35 | 36     | 37 | 38 | 39 | 40 | 41 | 42     | 43 | 44 | 45 | 46 | 47 | 48 |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    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| 89076-X18LF   | D   | 61                     | 61 | 61 | 61 | 61 | 61     | 61 | 61 | 61 | 61 | 61 | 61     | 61 | 61 | 61 | 61 | 61 | 61     | 61 | 61 | 61 | 61 | 61 | 61     | 61 | 61 | 61 | 61 | 61 | 61     | 61 | 61 | 61 | 61 | 61 | 61     | 61 | 61 | 61 | 61 | 61 | 61     | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 |

| METRAL<br>P/N | ROW | CONTACT CODE<br>MOD. 1 |    |    |    |    | MOD. 2 |    |    |    |    |    | MOD. 3 |    |    |    |    |    | MOD. 4 |    |    |    |    |    | MOD. 5 |    |    |    |    |    | MOD. 6 |    |    |    |    |    | MOD. 7 |    |    |    |    |    | MOD. 8 |    |    |    |    |    |    |    |    |    |    |
|---------------|-----|------------------------|----|----|----|----|--------|----|----|----|----|----|--------|----|----|----|----|----|--------|----|----|----|----|----|--------|----|----|----|----|----|--------|----|----|----|----|----|--------|----|----|----|----|----|--------|----|----|----|----|----|----|----|----|----|----|
|               |     | 1                      | 2  | 3  | 4  | 5  | 6      | 7  | 8  | 9  | 10 | 11 | 12     | 13 | 14 | 15 | 16 | 17 | 18     | 19 | 20 | 21 | 22 | 23 | 24     | 25 | 26 | 27 | 28 | 29 | 30     | 31 | 32 | 33 | 34 | 35 | 36     | 37 | 38 | 39 | 40 | 41 | 42     | 43 | 44 | 45 | 46 | 47 | 48 |    |    |    |    |
| 89076-X19LF   | D   | 60                     | 60 | 60 | 60 | 60 | 60     | 60 | 60 | 60 | 60 | 60 | 60     | 60 | 60 | 60 | 60 | 60 | 60     | 60 | 60 | 60 | 60 | 60 | 60     | 60 | 60 | 60 | 60 | 60 | 60     | 60 | 60 | 60 | 60 | 60 | 60     | 60 | 60 | 60 | 60 | 60 | 60     | 60 | 60 | 60 | 60 | 60 | 60 | 60 | 60 |    |    |
|               | C   | 60                     | 60 | 60 | 60 | 60 | 60     | 60 | 60 | 60 | 60 | 60 | 60     | 60 | 60 | 60 | 60 | 60 | 60     | 60 | 60 | 60 | 60 | 60 | 60     | 60 | 60 | 60 | 60 | 60 | 60     | 60 | 60 | 60 | 60 | 60 | 60     | 60 | 60 | 60 | 60 | 60 | 60     | 60 | 60 | 60 | 60 | 60 | 60 | 60 | 60 | 60 | 60 |
|               | B   | 62                     | 62 | 62 | 62 | 62 | 62     | 62 | 62 | 62 | 62 | 62 | 62     | 62 | 62 | 62 | 62 | 62 | 62     | 62 | 62 | 62 | 62 | 62 | 62     | 62 | 62 | 62 | 62 | 62 | 62     | 62 | 62 | 62 | 62 | 62 | 62     | 62 | 62 | 62 | 62 | 62 | 62     | 62 | 62 | 62 | 62 | 62 | 62 | 62 | 62 | 62 | 62 |
|               | A   | 60                     | 60 | 60 | 60 | 60 | 60     | 60 | 60 | 60 | 60 | 60 | 60     | 60 | 60 | 60 | 60 | 60 | 60     | 60 | 60 | 60 | 60 | 60 | 60     | 60 | 60 | 60 | 60 | 60 | 60     | 60 | 60 | 60 | 60 | 60 | 60     | 60 | 60 | 60 | 60 | 60 | 60     | 60 | 60 | 60 | 60 | 60 | 60 | 60 | 60 | 60 | 60 |

| METRAL<br>P/N | ROW | CONTACT CODE<br>MOD. 1 |    |    |    |    | MOD. 2 |    |    |    |    | MOD. 3 |    |    |    |    | MOD. 4 |    |    |    |    | MOD. 5 |    |    |    |    | MOD. 6 |    |    |    |    | MOD. 7 |    |    |    |    | MOD. 8 |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    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| 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 |

|                                      |                                       |       |        |                  |                                                         |            |                        |  |                |               |       |          |  |
|--------------------------------------|---------------------------------------|-------|--------|------------------|---------------------------------------------------------|------------|------------------------|--|----------------|---------------|-------|----------|--|
| spec ref                             |                                       | *     |        | dr               | Terran Huang                                            | 2010/11/03 |                        |  | size           | A4            | scale | 11:10    |  |
| tolerance std<br>ISO 406<br>ISO 1101 | TOLERANCES UNLESS OTHERWISE SPECIFIED |       |        | eng              | Rahul Mohan-M                                           | 2021/08/16 |                        |  | ecn no         | ELX-I-41803-1 |       |          |  |
|                                      |                                       |       |        | chr              | -                                                       | -          |                        |  | rel level      |               |       | Released |  |
|                                      |                                       |       |        | appr             | Kuriakose, San                                          | 2021/08/16 |                        |  | product family |               |       | METRAL   |  |
| surface<br>ISO 1302                  | linear                                | 0.X   | ±0.3   |                  | title<br>METRAL SIGNAL HEADER<br>8 MOD, 4 ROW PRESS-FIT |            |                        |  | dwg no         | 89076         |       | rev<br>V |  |
|                                      |                                       | 0.XX  | ±0.13  |                  |                                                         |            |                        |  |                |               |       |          |  |
|                                      |                                       | 0.XXX | ±0.050 |                  |                                                         |            |                        |  |                |               |       |          |  |
| ISO 1302                             | angular                               | 0°    | ±2°    | amphenol-icc.com | cat. no.                                                |            | Product - Customer Drw |  |                | sheet 4 of 11 |       |          |  |

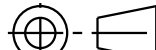
| METRAL<br>P/N | ROW | CONTACT CODE<br>MOD. 1 |    |    |    |    | MOD. 2 |    |    |    |    |    | MOD. 3 |    |    |    |    |    | MOD. 4 |    |    |    |    |    | MOD. 5 |    |    |    |    |    | MOD. 6 |    |    |    |    |    | MOD. 7 |    |    |    |    |    | MOD. 8 |    |    |    |    |    |    |    |
|---------------|-----|------------------------|----|----|----|----|--------|----|----|----|----|----|--------|----|----|----|----|----|--------|----|----|----|----|----|--------|----|----|----|----|----|--------|----|----|----|----|----|--------|----|----|----|----|----|--------|----|----|----|----|----|----|----|
|               |     | 1                      | 2  | 3  | 4  | 5  | 6      | 7  | 8  | 9  | 10 | 11 | 12     | 13 | 14 | 15 | 16 | 17 | 18     | 19 | 20 | 21 | 22 | 23 | 24     | 25 | 26 | 27 | 28 | 29 | 30     | 31 | 32 | 33 | 34 | 35 | 36     | 37 | 38 | 39 | 40 | 41 | 42     | 43 | 44 | 45 | 46 | 47 | 48 |    |
| 89076-X21LF   | D   | 61                     | 61 | 61 | 61 | 61 | 61     | 61 | 61 | 61 | 61 | 61 | 61     | 61 | 61 | 61 | 61 | 61 | 61     | 61 | 61 | 61 | 61 | 61 | 61     | 61 | 61 | 61 | 61 | 61 | 61     | 61 | 61 | 61 | 61 | 61 | 61     | 61 | 61 | 61 | 61 | 61 | 61     | 61 | 61 | 61 | 61 | 61 | 61 |    |
|               | C   | 61                     | 61 | 61 | 61 | 61 | 61     | 61 | 61 | 61 | 61 | 61 | 61     | 61 | 61 | 61 | 61 | 61 | 61     | 61 | 61 | 61 | 61 | 61 | 61     | 61 | 61 | 61 | 61 | 61 | 61     | 61 | 61 | 61 | 61 | 61 | 61     | 61 | 61 | 61 | 61 | 61 | 61     | 61 | 61 | 61 | 61 | 61 | 61 |    |
|               | B   | 63                     | 63 | 63 | 63 | 63 | 63     | 63 | 63 | 63 | 63 | 63 | 63     | 63 | 63 | 63 | 63 | 63 | 63     | 63 | 63 | 63 | 63 | 63 | 63     | 63 | 63 | 63 | 63 | 63 | 63     | 63 | 63 | 63 | 63 | 63 | 63     | 63 | 63 | 63 | 63 | 63 | 63     | 63 | 63 | 63 | 63 | 63 | 63 | 63 |
|               | A   | 61                     | 61 | 61 | 61 | 61 | 61     | 61 | 61 | 61 | 61 | 61 | 61     | 61 | 61 | 61 | 61 | 61 | 61     | 61 | 61 | 61 | 61 | 61 | 61     | 61 | 61 | 61 | 61 | 61 | 61     | 61 | 61 | 61 | 61 | 61 | 61     | 61 | 61 | 61 | 61 | 61 | 61     | 61 | 61 | 61 | 61 | 61 | 61 | 61 |

| METRAL<br>P/N | ROW | CONTACT CODE<br>MOD. 1 |    |    |    |    | MOD. 2 |    |    |    |    | MOD. 3 |    |    |    |    | MOD. 4 |    |    |    |    | MOD. 5 |    |    |    |    | MOD. 6 |    |    |    |    | MOD. 7 |    |    |    |    | MOD. 8 |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |
|---------------|-----|------------------------|----|----|----|----|--------|----|----|----|----|--------|----|----|----|----|--------|----|----|----|----|--------|----|----|----|----|--------|----|----|----|----|--------|----|----|----|----|--------|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|
|               |     | 1                      | 2  | 3  | 4  | 5  | 6      | 7  | 8  | 9  | 10 | 11     | 12 | 13 | 14 | 15 | 16     | 17 | 18 | 19 | 20 | 21     | 22 | 23 | 24 | 25 | 26     | 27 | 28 | 29 | 30 | 31     | 32 | 33 | 34 | 35 | 36     | 37 | 38 | 39 | 40 | 41 | 42 | 43 | 44 | 45 | 46 | 47 | 48 |    |    |    |    |    |    |
| 89076-X22LF   | D   | 60                     | 60 | 60 | 60 | 60 | 60     | 60 | 60 | 60 | 60 | 60     | 60 | 60 | 60 | 60 | 60     | 60 | 60 | 60 | 60 | 60     | 60 | 60 | 60 | 60 | 60     | 60 | 60 | 60 | 60 | 60     | 60 | 60 | 60 | 60 | 60     | 60 | 60 | 60 | 60 | 60 | 60 | 60 | 60 | 60 | 60 | 60 | 60 | 60 | 60 |    |    |    |    |
|               | C   | 60                     | 60 | 60 | 60 | 60 | 60     | 60 | 60 | 60 | 60 | 60     | 60 | 60 | 60 | 60 | 60     | 60 | 60 | 60 | 60 | 60     | 60 | 60 | 60 | 60 | 60     | 60 | 60 | 60 | 60 | 60     | 60 | 60 | 60 | 60 | 60     | 60 | 60 | 60 | 60 | 60 | 60 | 60 | 60 | 60 | 60 | 60 | 60 | 60 | 60 | 60 | 60 | 60 |    |
|               | B   | 60                     | 60 | 60 | 60 | 60 | 60     | 60 | 60 | 60 | 60 | 60     | 60 | 60 | 60 | 60 | 60     | 60 | 60 | 60 | 60 | 60     | 60 | 60 | 60 | 60 | 60     | 60 | 60 | 60 | 60 | 60     | 60 | 60 | 60 | 60 | 60     | 60 | 60 | 60 | 60 | 60 | 60 | 60 | 60 | 60 | 60 | 60 | 60 | 60 | 60 | 60 | 60 | 60 | 60 |
|               | A   | 60                     | 60 | 60 | 60 | 60 | 60     | 60 | 60 | 60 | 60 | 60     | 60 | 60 | 60 | 60 | 60     | 60 | 60 | 60 | 60 | 60     | 60 | 60 | 60 | 60 | 60     | 60 | 60 | 60 | 60 | 60     | 60 | 60 | 60 | 60 | 60     | 60 | 60 | 60 | 60 | 60 | 60 | 60 | 60 | 60 | 60 | 60 | 60 | 60 | 60 | 60 | 60 | 60 | 60 |

| METRAL<br>P/N | ROW | CONTACT CODE<br>MOD. 1 |    |    |    |    | MOD. 2 |    |    |    |    | MOD. 3 |    |    |    |    | MOD. 4 |    |    |    |    | MOD. 5 |    |    |    |    | MOD. 6 |    |    |    |    | MOD. 7 |    |    |    |    | MOD. 8 |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |
|---------------|-----|------------------------|----|----|----|----|--------|----|----|----|----|--------|----|----|----|----|--------|----|----|----|----|--------|----|----|----|----|--------|----|----|----|----|--------|----|----|----|----|--------|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|
|               |     | 1                      | 2  | 3  | 4  | 5  | 6      | 7  | 8  | 9  | 10 | 11     | 12 | 13 | 14 | 15 | 16     | 17 | 18 | 19 | 20 | 21     | 22 | 23 | 24 | 25 | 26     | 27 | 28 | 29 | 30 | 31     | 32 | 33 | 34 | 35 | 36     | 37 | 38 | 39 | 40 | 41 | 42 | 43 | 44 | 45 | 46 | 47 | 48 |    |    |    |    |    |    |
| 89076-X23LF   | D   | 62                     | 62 | 62 | 62 | 62 | 62     | 62 | 62 | 62 | 62 | 62     | 62 | 62 | 62 | 62 | 62     | 62 | 62 | 62 | 62 | 62     | 62 | 62 | 62 | 62 | 62     | 62 | 62 | 62 | 62 | 62     | 62 | 62 | 62 | 62 | 62     | 62 | 62 | 62 | 62 | 62 | 62 | 62 | 62 | 62 | 62 | 62 | 62 | 62 | 62 |    |    |    |    |
|               | C   | 62                     | 62 | 62 | 62 | 62 | 62     | 62 | 62 | 62 | 62 | 62     | 62 | 62 | 62 | 62 | 62     | 62 | 62 | 62 | 62 | 62     | 62 | 62 | 62 | 62 | 62     | 62 | 62 | 62 | 62 | 62     | 62 | 62 | 62 | 62 | 62     | 62 | 62 | 62 | 62 | 62 | 62 | 62 | 62 | 62 | 62 | 62 | 62 | 62 | 62 | 62 | 62 |    |    |
|               | B   | 62                     | 62 | 62 | 62 | 62 | 62     | 62 | 62 | 62 | 62 | 62     | 62 | 62 | 62 | 62 | 62     | 62 | 62 | 62 | 62 | 62     | 62 | 62 | 62 | 62 | 62     | 62 | 62 | 62 | 62 | 62     | 62 | 62 | 62 | 62 | 62     | 62 | 62 | 62 | 62 | 62 | 62 | 62 | 62 | 62 | 62 | 62 | 62 | 62 | 62 | 62 | 62 | 62 |    |
|               | A   | 62                     | 62 | 62 | 62 | 62 | 62     | 62 | 62 | 62 | 62 | 62     | 62 | 62 | 62 | 62 | 62     | 62 | 62 | 62 | 62 | 62     | 62 | 62 | 62 | 62 | 62     | 62 | 62 | 62 | 62 | 62     | 62 | 62 | 62 | 62 | 62     | 62 | 62 | 62 | 62 | 62 | 62 | 62 | 62 | 62 | 62 | 62 | 62 | 62 | 62 | 62 | 62 | 62 | 62 |

| METRAL<br>P/N | ROW | CONTACT CODE<br>MOD. 1 |    |    |    |    | MOD. 2 |    |    |    |    |    | MOD. 3 |    |    |    |    |    | MOD. 4 |    |    |    |    |    | MOD. 5 |    |    |    |    |    | MOD. 6 |    |    |    |    |    | MOD. 7 |    |    |    |    |    | MOD. 8 |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    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|---------------|-----|------------------------|----|----|----|----|--------|----|----|----|----|----|--------|----|----|----|----|----|--------|----|----|----|----|----|--------|----|----|----|----|----|--------|----|----|----|----|----|--------|----|----|----|----|----|--------|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----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|               |     | 1                      | 2  | 3  | 4  | 5  | 6      | 7  | 8  | 9  | 10 | 11 | 12     | 13 | 14 | 15 | 16 | 17 | 18     | 19 | 20 | 21 | 22 | 23 | 24     | 25 | 26 | 27 | 28 | 29 | 30     | 31 | 32 | 33 | 34 | 35 | 36     | 37 | 38 | 39 | 40 | 41 | 42     | 43 | 44 | 45 | 46 | 47 | 48 |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    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| 89076-X24LF   | D   | 63                     | 63 | 63 | 63 | 63 | 63     | 63 | 63 | 63 | 63 | 63 | 63     | 63 | 63 | 63 | 63 | 63 | 63     | 63 | 63 | 63 | 63 | 63 | 63     | 63 | 63 | 63 | 63 | 63 | 63     | 63 | 63 | 63 | 63 | 63 | 63     | 63 | 63 | 63 | 63 | 63 | 63     | 63 | 63 | 63 | 63 | 63 | 63 | 63 | 63 | 63 | 63 | 63 | 63 | 63 | 63 | 63 | 63 | 63 | 63 | 63 | 63 | 63 | 63 | 63 | 63 | 63 | 63 | 63 | 63 | 63 | 63 | 63 | 63 | 63 | 63 | 63 | 63 | 63 | 63 | 63 | 63 | 63 | 63 | 63 | 63 | 63 | 63 | 63 | 63 | 63 | 63 | 63 | 63 | 63 | 63 | 63 | 63 | 63 | 63 | 63 | 63 | 63 | 63 | 63 | 63 | 63 | 63 | 63 | 63 | 63 | 63 | 63 | 63 | 63 | 63 | 63 | 63 | 63 | 63 | 63 | 63 | 63 | 63 | 63 | 63 | 63 | 63 | 63 | 63 | 63 | 63 | 63 | 63 | 63 | 63 | 63 | 63 | 63 | 63 | 63 | 63 | 63 | 63 | 63 | 63 | 63 | 63 | 63 | 63 | 63 | 63 | 63 | 63 | 63 | 63 | 63 | 63 | 63 | 63 | 63 | 63 | 63 | 63 | 63 | 63 | 63 | 63 | 63 | 63 | 63 | 63 | 63 | 63 | 63 | 63 | 63 | 63 | 63 | 63 | 63 | 63 | 63 | 63 | 63 | 63 | 63 | 63 | 63 | 63 | 63 | 63 | 63 | 63 | 63 | 63 | 63 | 63 | 63 | 63 | 63 | 63 | 63 | 63 | 63 | 63 | 63 | 63 | 63 | 63 | 63 | 63 | 63 | 63 | 63 | 63 | 63 | 63 | 63 | 63 | 63 | 63 | 63 | 63 | 63 | 63 | 63 | 63 | 63 | 63 | 63 | 63 | 63 | 63 | 63 | 63 | 63 | 63 | 63 | 63 | 63 | 63 | 63 | 63 | 63 | 63 | 63 | 63 | 63 | 63 | 63 | 63 | 63 | 63 | 63 | 63 | 63 | 63 | 63 | 63 | 63 | 63 | 63 | 63 | 63 | 63 | 63 | 63 | 63 | 63 | 63 | 63 | 63 | 63 | 63 | 63 | 63 | 63 | 63 | 63 | 63 | 63 | 63 | 63 | 63 | 63 | 63 | 63 | 63 | 63 | 63 | 63 | 63 | 63 | 63 | 63 | 63 | 63 | 63 | 63 | 63 | 63 | 63 | 63 | 63 | 63 | 63 | 63 | 63 | 63 | 63 | 63 | 63 | 63 | 63 | 63 | 63 | 63 | 63 | 63 | 63 | 63 | 63 | 63 | 63 | 63 | 63 | 63 | 63 | 63 | 63 | 63 | 63 | 63 | 63 | 63 | 63 | 63 | 63 | 63 | 63 | 63 | 63 | 63 | 63 | 63 | 63 | 63 | 63 | 63 | 63 | 63 | 63 | 63 | 63 | 63 | 63 | 63 | 63 | 63 | 63 | 63 | 63 | 63 | 63 | 63 | 63 | 63 | 63 | 63 | 63 | 63 | 63 | 63 | 63 | 63 | 63 | 63 | 63 | 63 | 63 | 63 | 63 | 63 | 63 | 63 | 63 | 63 | 63 | 63 | 63 | 63 | 63 | 63 | 63 | 63 | 63 | 63 | 63 | 63 | 63 | 63 | 63 | 63 | 63 | 63 | 63 | 63 | 63 | 63 | 63 | 63 | 63 | 63 | 63 | 63 | 63 | 63 | 63 | 63 | 63 | 63 | 63 | 63 | 63 | 63 | 63 | 63 | 63 | 63 | 63 | 63 | 63 | 63 | 63 | 63 | 63 | 63 | 63 | 63 | 63 | 63 | 63 | 63 | 63 | 63 | 63 | 63 | 63 | 63 | 63 | 63 | 63 | 63 | 63 | 63 | 63 | 63 | 63 | 63 | 63 | 63 | 63 | 63 | 63 | 63 | 63 | 63 | 63 | 63 | 63 | 63 | 63 | 63 | 63 | 63 | 63 | 63 | 63 | 63 | 63 | 63 | 63 | 63 | 63 | 63 | 63 | 63 | 63 | 63 | 63 | 63 | 63 | 63 | 63 | 63 | 63 | 63 | 63 | 63 | 63 | 63 | 63 | 63 | 63 | 63 | 63 | 63 | 63 | 63 | 63 | 63 | 63 | 63 | 63 | 63 | 63 | 63 | 63 | 63 | 63 | 63 | 63 | 63 | 63 | 63 | 63 | 63 | 63 | 63 | 63 | 63 | 63 | 63 | 63 | 63 | 63 | 63 | 63 | 63 | 63 | 63 | 63 | 63 | 63 | 63 | 63 | 63 | 63 | 63 | 63 | 63 | 63 | 63 | 63 | 63 | 63 | 63 | 63 | 63 | 63 | 63 | 63 | 63 | 63 | 63 | 63 | 63 | 63 | 63 | 63 | 63 | 63 | 63 | 63 | 63 | 63 | 63 | 63 | 63 | 63 | 63 | 63 | 63 | 63 | 63 | 63 | 63 | 63 | 63 | 63 | 63 | 63 | 63 | 63 | 63 | 63 | 63 | 63 | 63 | 63 | 63 | 63 | 63 | 63 | 63 | 63 | 63 | 63 | 63 | 63 | 63 | 63 | 63 | 63 | 63 | 63 | 63 | 63 | 63 | 63 | 63 | 63 | 63 | 63 | 63 | 63 | 63 | 63 | 63 | 63 | 63 | 63 | 63 | 63 | 63 | 63 | 63 | 63 | 63 | 63 | 63 | 63 | 63 | 63 | 63 | 63 | 63 | 63 | 63 | 63 | 63 | 63 | 63 | 63 | 63 | 63 | 63 | 63 | 63 | 63 | 63 | 63 | 63 | 63 | 63 | 63 | 63 | 63 | 63 | 63 | 63 | 63 | 63 | 63 | 63 | 63 | 63 | 63 | 63 | 63 | 63 | 63 | 63 | 63 | 63 | 63 | 63 | 63 | 63 | 63 | 63 | 63 | 63 | 63 | 63 | 63 | 63 | 63 | 63 | 63 | 63 | 63 | 63 | 63 | 63 | 63 | 63 | 63 | 63 | 63 | 63 | 63 | 63 | 63 | 63 | 63 | 63 | 63 | 63 | 63 | 63 | 63 | 63 | 63 | 63 | 63 | 63 | 63 | 63 | 63 | 63 | 63 | 63 | 63 | 63 | 63 | 63 | 63 | 63 | 63 | 63 | 63 | 63 | 63 | 63 | 63 | 63 | 63 | 63 | 63 | 63 | 63 | 63 | 63 | 63 | 63 | 63 | 63 | 63 | 63 | 63 | 63 | 63 | 63 | 63 | 63 | 63 | 63 | 63 | 63 | 63 | 63 | 63 | 63 | 63 | 63 | 63 | 63 | 63 | 63 | 63 | 63 | 63 | 63 | 63 | 63 | 63 | 63 | 63 | 63 | 63 | 63 | 63 | 63 | 63 | 63 | 63 | 63 | 63 | 63 | 63 | 63 | 63 | 63 | 63 | 63 | 63 | 63 | 63 | 63 | 63 | 63 | 63 | 63 | 63 | 63 | 63 | 63 | 63 | 63 | 63 | 63 | 63 | 63 | 63 | 63 | 63 | 63 | 63 | 63 | 63 | 63 | 63 | 63 | 63 | 63 | 63 | 63 | 63 | 63 | 63 | 63 | 63 | 63 | 63 | 63 | 63 | 63 | 63 | 63 | 63 | 63 | 63 | 63 | 63 | 63 | 63 | 63 | 63 | 63 | 63 | 63 | 63 | 63 | 63 | 63 | 63 | 63 | 63 | 63 | 63 | 63 | 63 | 63 | 63 | 63 | 63 | 63 | 63 | 63 | 63 | 63 | 63 | 63 | 63 | 63 | 63 | 63 | 63 | 63 | 63 | 63 | 63 | 63 | 63 | 63 | 63 | 63 | 63 | 63 | 63 | 63 | 63 | 63 | 63 | 63 | 63 | 63 | 63 | 63 | 63 | 63 | 63 | 63 | 63 | 63 | 63 | 63 | 63 | 63 | 63 | 63 | 63 | 63 | 63 | 63 | 63 | 63 | 63 | 63 | 63 | 63 | 63 | 63 | 63 | 63 | 63 | 63 | 63 | 63 | 63 | 63 | 63 | 63 | 63 | 63 | 63 | 63 | 63 | 63 | 63 | 63 | 63 | 63 | 63 | 63 | 63 | 63 | 63 | 63 | 63 | 63 | 63 | 63 | 63 | 63 | 63 | 63 | 63 | 63 | 63 | 63 | 63 | 63 | 63 | 63 | 63 | 63 | 63 | 63 | 63 | 63 | 63 | 63 | 63 | 63 | 63 | 63 | 63 | 63 | 63 | 63 | 63 | 63 | 63 | 63 | 63 | 63 | 63 | 63 | 63 | 63 | 63 | 63 | 63 | 63 | 63 | 63 | 63 | 63 | 63 | 63 | 63 | 63 | 63 | 63 | 63 | 63 | 63 | 63 | 63 | 63 | 63 | 63 | 63 | 63 | 63 | 63 | 63 | 63 | 63 | 63 | 63 | 63 | 63 | 63 | 6 |

| METRAL<br>P/N | ROW | CONTACT CODE<br>MOD. 1 |    |    |    |    | MOD. 2 |    |    |    |    | MOD. 3 |    |    |    |    | MOD. 4 |    |    |    |    | MOD. 5 |    |    |    |    | MOD. 6 |    |    |    |    | MOD. 7 |    |    |    |    | MOD. 8 |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |
|---------------|-----|------------------------|----|----|----|----|--------|----|----|----|----|--------|----|----|----|----|--------|----|----|----|----|--------|----|----|----|----|--------|----|----|----|----|--------|----|----|----|----|--------|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|
|               |     | 1                      | 2  | 3  | 4  | 5  | 6      | 7  | 8  | 9  | 10 | 11     | 12 | 13 | 14 | 15 | 16     | 17 | 18 | 19 | 20 | 21     | 22 | 23 | 24 | 25 | 26     | 27 | 28 | 29 | 30 | 31     | 32 | 33 | 34 | 35 | 36     | 37 | 38 | 39 | 40 | 41 | 42 | 43 | 44 | 45 | 46 | 47 | 48 |    |    |    |    |
| 89076-X25LF   | D   | 40                     | 40 | 40 | 40 | 40 | 40     | 40 | 40 | 40 | 40 | 40     | 40 | 40 | 40 | 40 | 40     | 40 | 40 | 40 | 40 | 40     | 40 | 40 | 40 | 40 | 40     | 40 | 40 | 40 | 40 | 40     | 40 | 40 | 40 | 40 | 40     | 40 | 40 | 40 | 40 | 40 | 40 | 40 | 40 | 40 | 40 | 40 | 40 | 40 | 40 |    |    |
|               | C   | 40                     | 40 | 40 | 40 | 40 | 40     | 40 | 40 | 40 | 40 | 40     | 40 | 40 | 40 | 40 | 40     | 40 | 40 | 40 | 40 | 40     | 40 | 40 | 40 | 40 | 40     | 40 | 40 | 40 | 40 | 40     | 40 | 40 | 40 | 40 | 40     | 40 | 40 | 40 | 40 | 40 | 40 | 40 | 40 | 40 | 40 | 40 | 40 | 40 | 40 | 40 |    |
|               | B   | 40                     | 40 | 40 | 40 | 40 | 40     | 40 | 40 | 40 | 40 | 40     | 40 | 40 | 40 | 40 | 40     | 40 | 40 | 40 | 40 | 40     | 40 | 40 | 40 | 40 | 40     | 40 | 40 | 40 | 40 | 40     | 40 | 40 | 40 | 40 | 40     | 40 | 40 | 40 | 40 | 40 | 40 | 40 | 40 | 40 | 40 | 40 | 40 | 40 | 40 | 40 | 40 |
|               | A   | 40                     | 40 | 40 | 40 | 40 | 40     | 40 | 40 | 40 | 40 | 40     | 40 | 40 | 40 | 40 | 40     | 40 | 40 | 40 | 40 | 40     | 40 | 40 | 40 | 40 | 40     | 40 | 40 | 40 | 40 | 40     | 40 | 40 | 40 | 40 | 40     | 40 | 40 | 40 | 40 | 40 | 40 | 40 | 40 | 40 | 40 | 40 | 40 | 40 | 40 | 40 | 40 |

|               |                                       |        |       |                  |                |            |                                                                                                             |                                                                                                     |                |               |               |           |  |          |   |
|---------------|---------------------------------------|--------|-------|------------------|----------------|------------|-------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------|----------------|---------------|---------------|-----------|--|----------|---|
| spec ref      |                                       | *      |       | dr               | Terran Huang   | 2010/11/03 | <div>projection</div>  | <div>MM</div>  | size           | A4            | scale         | 11:10     |  |          |   |
| tolerance std | TOLERANCES UNLESS OTHERWISE SPECIFIED |        |       | eng              | Rahul Mohan-M  | 2021/08/16 |                                                                                                             |                                                                                                     | ecn no         | ELX-I-41803-1 |               |           |  |          |   |
|               |                                       |        |       | chr              | -              | -          |                                                                                                             |                                                                                                     |                |               |               |           |  |          |   |
|               |                                       |        |       | appr             | Kuriakose, San | 2021/08/16 |                                                                                                             |                                                                                                     | product family |               | METRAL        | rel level |  | Released |   |
| surface       | 3.200                                 | linear | 0.X   | ±0.3             | Amphenol FCI   | title      | METRAL SIGNAL HEADER                                                                                        |                                                                                                     |                |               | dwg no        | 89076     |  | rev      | V |
|               |                                       |        | 0.XX  | ±0.13            |                |            |                                                                                                             |                                                                                                     |                |               |               |           |  |          |   |
|               |                                       |        | 0.XXX | ±0.050           |                |            |                                                                                                             |                                                                                                     |                |               |               |           |  |          |   |
| ISO 1302      | angular                               | 0°     | ±2°   | amphenol-icc.com | cat. no.       | -          | Product - Customer Drw                                                                                      |                                                                                                     |                |               | sheet 5 of 11 |           |  |          |   |

|               |     |                                       |    |    |    |    |        |    |    |    |    |        |    |    |    |    |        |     |    |               |    |        |    |    |            |    |        |    |    |            |    |        |    |    |    |    |        |    |    |    |    |    |    |       |    |      |    |    |    |    |    |    |
|---------------|-----|---------------------------------------|----|----|----|----|--------|----|----|----|----|--------|----|----|----|----|--------|-----|----|---------------|----|--------|----|----|------------|----|--------|----|----|------------|----|--------|----|----|----|----|--------|----|----|----|----|----|----|-------|----|------|----|----|----|----|----|----|
| METRAL<br>P/N | ROW | CONTACT CODE<br>MOD. 1                |    |    |    |    | MOD. 2 |    |    |    |    | MOD. 3 |    |    |    |    | MOD. 4 |     |    |               |    | MOD. 5 |    |    |            |    | MOD. 6 |    |    |            |    | MOD. 7 |    |    |    |    | MOD. 8 |    |    |    |    |    |    |       |    |      |    |    |    |    |    |    |
|               |     | 1                                     | 2  | 3  | 4  | 5  | 6      | 7  | 8  | 9  | 10 | 11     | 12 | 13 | 14 | 15 | 16     | 17  | 18 | 19            | 20 | 21     | 22 | 23 | 24         | 25 | 26     | 27 | 28 | 29         | 30 | 31     | 32 | 33 | 34 | 35 | 36     | 37 | 38 | 39 | 40 | 41 | 42 | 43    | 44 | 45   | 46 | 47 | 48 |    |    |    |
|               | D   | 40                                    | 40 | 40 | 40 | 40 | 40     | 40 | 40 | 40 | 40 | 40     | 40 | 40 | 40 | 40 | 40     | 40  | 40 | 40            | 40 | 40     | 40 | 40 | 40         | 40 | 40     | 40 | 40 | 40         | 40 | 40     | 40 | 40 | 40 | 40 | 40     | 40 | 40 | 40 | 40 | 40 | 40 | 40    | 40 | 40   | 40 | 40 | 40 | 40 |    |    |
|               | C   | 40                                    | 40 | 40 | 40 | 40 | 40     | 40 | 40 | 40 | 40 | 40     | 40 | 40 | 40 | 40 | 40     | 40  | 40 | 40            | 40 | 40     | 40 | 40 | 40         | 40 | 40     | 40 | 40 | 40         | 40 | 40     | 40 | 40 | 40 | 40 | 40     | 40 | 40 | 40 | 40 | 40 | 40 | 40    | 40 | 40   | 40 | 40 | 40 | 40 | 40 |    |
| 89076-X26LF   | B   | 40                                    | 40 | 40 | 40 | 40 | 40     | 40 | 40 | 40 | 40 | 40     | 40 | 40 | 40 | 40 | 40     | 40  | 40 | 40            | 40 | 40     | 40 | 40 | 40         | 40 | 40     | 40 | 40 | 40         | 40 | 40     | 40 | 40 | 40 | 40 | 40     | 40 | 40 | 40 | 40 | 40 | 40 | 40    | 40 | 40   | 40 | 40 | 40 | 40 | 40 |    |
|               | A   | 41                                    | 41 | 41 | 41 | 41 | 41     | 41 | 41 | 41 | 41 | 41     | 41 | 41 | 41 | 41 | 41     | 41  | 41 | 41            | 41 | 41     | 41 | 41 | 41         | 41 | 41     | 41 | 41 | 41         | 41 | 41     | 41 | 41 | 41 | 41 | 41     | 41 | 41 | 41 | 41 | 41 | 41 | 41    | 41 | 41   | 41 | 41 | 41 | 41 | 41 | 41 |
| METRAL<br>P/N | ROW | CONTACT CODE<br>MOD. 1                |    |    |    |    | MOD. 2 |    |    |    |    | MOD. 3 |    |    |    |    | MOD. 4 |     |    |               |    | MOD. 5 |    |    |            |    | MOD. 6 |    |    |            |    | MOD. 7 |    |    |    |    | MOD. 8 |    |    |    |    |    |    |       |    |      |    |    |    |    |    |    |
|               |     | 1                                     | 2  | 3  | 4  | 5  | 6      | 7  | 8  | 9  | 10 | 11     | 12 | 13 | 14 | 15 | 16     | 17  | 18 | 19            | 20 | 21     | 22 | 23 | 24         | 25 | 26     | 27 | 28 | 29         | 30 | 31     | 32 | 33 | 34 | 35 | 36     | 37 | 38 | 39 | 40 | 41 | 42 | 43    | 44 | 45   | 46 | 47 | 48 |    |    |    |
|               | D   | 41                                    | 41 | 41 | 41 | 41 | 41     | 41 | 41 | 41 | 41 | 41     | 41 | 41 | 41 | 41 | 41     | 41  | 41 | 41            | 41 | 41     | 41 | 41 | 41         | 41 | 41     | 41 | 41 | 41         | 41 | 41     | 41 | 41 | 41 | 41 | 41     | 41 | 41 | 41 | 41 | 41 | 41 | 41    | 41 | 41   | 41 | 41 | 41 | 41 | 41 |    |
|               | C   | 25                                    | 25 | 25 | 25 | 25 | 25     | 25 | 25 | 25 | 25 | 25     | 25 | 25 | 25 | 25 | 25     | 25  | 25 | 25            | 25 | 25     | 25 | 25 | 25         | 25 | 25     | 25 | 25 | 25         | 25 | 25     | 25 | 25 | 25 | 25 | 25     | 25 | 25 | 25 | 25 | 25 | 25 | 25    | 25 | 25   | 25 | 25 | 25 | 25 | 25 | 25 |
| 89076-X27LF   | B   | 25                                    | 25 | 25 | 25 | 25 | 25     | 25 | 25 | 25 | 25 | 25     | 25 | 25 | 25 | 25 | 25     | 25  | 25 | 25            | 25 | 25     | 25 | 25 | 25         | 25 | 25     | 25 | 25 | 25         | 25 | 25     | 25 | 25 | 25 | 25 | 25     | 25 | 25 | 25 | 25 | 25 | 25 | 25    | 25 | 25   | 25 | 25 | 25 | 25 | 25 |    |
|               | A   | 41                                    | 41 | 41 | 41 | 41 | 41     | 41 | 41 | 41 | 41 | 41     | 41 | 41 | 41 | 41 | 41     | 41  | 41 | 41            | 41 | 41     | 41 | 41 | 41         | 41 | 41     | 41 | 41 | 41         | 41 | 41     | 41 | 41 | 41 | 41 | 41     | 41 | 41 | 41 | 41 | 41 | 41 | 41    | 41 | 41   | 41 | 41 | 41 | 41 | 41 | 41 |
| METRAL<br>P/N | ROW | CONTACT CODE<br>MOD. 1                |    |    |    |    | MOD. 2 |    |    |    |    | MOD. 3 |    |    |    |    | MOD. 4 |     |    |               |    | MOD. 5 |    |    |            |    | MOD. 6 |    |    |            |    | MOD. 7 |    |    |    |    | MOD. 8 |    |    |    |    |    |    |       |    |      |    |    |    |    |    |    |
|               |     | 1                                     | 2  | 3  | 4  | 5  | 6      | 7  | 8  | 9  | 10 | 11     | 12 | 13 | 14 | 15 | 16     | 17  | 18 | 19            | 20 | 21     | 22 | 23 | 24         | 25 | 26     | 27 | 28 | 29         | 30 | 31     | 32 | 33 | 34 | 35 | 36     | 37 | 38 | 39 | 40 | 41 | 42 | 43    | 44 | 45   | 46 | 47 | 48 |    |    |    |
|               | D   | 41                                    | 41 | 41 | 41 | 41 | 41     | 41 | 41 | 41 | 41 | 41     | 41 | 41 | 41 | 41 | 41     | 41  | 41 | 41            | 41 | 41     | 41 | 41 | 41         | 41 | 41     | 41 | 41 | 41         | 41 | 41     | 41 | 41 | 41 | 41 | 41     | 41 | 41 | 41 | 41 | 41 | 41 | 41    | 41 | 41   | 41 | 41 | 41 | 41 | 41 |    |
|               | C   | 41                                    | 41 | 41 | 41 | 41 | 41     | 41 | 41 | 41 | 41 | 41     | 41 | 41 | 41 | 41 | 41     | 41  | 41 | 41            | 41 | 41     | 41 | 41 | 41         | 41 | 41     | 41 | 41 | 41         | 41 | 41     | 41 | 41 | 41 | 41 | 41     | 41 | 41 | 41 | 41 | 41 | 41 | 41    | 41 | 41   | 41 | 41 | 41 | 41 | 41 | 41 |
| 89076-X28LF   | B   | 41                                    | 41 | 41 | 41 | 41 | 41     | 41 | 41 | 41 | 41 | 41     | 41 | 41 | 41 | 41 | 41     | 41  | 41 | 41            | 41 | 41     | 41 | 41 | 41         | 41 | 41     | 41 | 41 | 41         | 41 | 41     | 41 | 41 | 41 | 41 | 41     | 41 | 41 | 41 | 41 | 41 | 41 | 41    | 41 | 41   | 41 | 41 | 41 | 41 | 41 |    |
|               | A   | 41                                    | 41 | 41 | 41 | 41 | 41     | 41 | 41 | 41 | 41 | 41     | 41 | 41 | 41 | 41 | 41     | 41  | 41 | 41            | 41 | 41     | 41 | 41 | 41         | 41 | 41     | 41 | 41 | 41         | 41 | 41     | 41 | 41 | 41 | 41 | 41     | 41 | 41 | 41 | 41 | 41 | 41 | 41    | 41 | 41   | 41 | 41 | 41 | 41 | 41 | 41 |
| METRAL<br>P/N | ROW | CONTACT CODE<br>MOD. 1                |    |    |    |    | MOD. 2 |    |    |    |    | MOD. 3 |    |    |    |    | MOD. 4 |     |    |               |    | MOD. 5 |    |    |            |    | MOD. 6 |    |    |            |    | MOD. 7 |    |    |    |    | MOD. 8 |    |    |    |    |    |    |       |    |      |    |    |    |    |    |    |
|               |     | 1                                     | 2  | 3  | 4  | 5  | 6      | 7  | 8  | 9  | 10 | 11     | 12 | 13 | 14 | 15 | 16     | 17  | 18 | 19            | 20 | 21     | 22 | 23 | 24         | 25 | 26     | 27 | 28 | 29         | 30 | 31     | 32 | 33 | 34 | 35 | 36     | 37 | 38 | 39 | 40 | 41 | 42 | 43    | 44 | 45   | 46 | 47 | 48 |    |    |    |
|               | D   | 25                                    | 25 | 25 | 25 | 25 | 25     | 25 | 25 | 25 | 25 | 25     | 25 | 25 | 25 | 25 | 25     | 25  | 25 | 25            | 25 | 25     | 25 | 25 | 25         | 25 | 25     | 25 | 25 | 25         | 25 | 25     | 25 | 25 | 25 | 25 | 25     | 25 | 25 | 25 | 25 | 25 | 25 | 25    | 25 | 25   | 25 | 25 | 25 | 25 | 25 |    |
|               | C   | 25                                    | 25 | 25 | 25 | 25 | 25     | 25 | 25 | 25 | 25 | 25     | 25 | 25 | 25 | 25 | 25     | 25  | 25 | 25            | 25 | 25     | 25 | 25 | 25         | 25 | 25     | 25 | 25 | 25         | 25 | 25     | 25 | 25 | 25 | 25 | 25     | 25 | 25 | 25 | 25 | 25 | 25 | 25    | 25 | 25   | 25 | 25 | 25 | 25 | 25 | 25 |
| 89076-X29LF   | B   | 42                                    | 42 | 42 | 42 | 42 | 42     | 42 | 42 | 42 | 42 | 42     | 42 | 42 | 42 | 42 | 42     | 42  | 42 | 42            | 42 | 42     | 42 | 42 | 42         | 42 | 42     | 42 | 42 | 42         | 42 | 42     | 42 | 42 | 42 | 42 | 42     | 42 | 42 | 42 | 42 | 42 | 42 | 42    | 42 | 42   | 42 | 42 | 42 | 42 | 42 |    |
|               | A   | 25                                    | 25 | 25 | 25 | 25 | 25     | 25 | 25 | 25 | 25 | 25     | 25 | 25 | 25 | 25 | 25     | 25  | 25 | 25            | 25 | 25     | 25 | 25 | 25         | 25 | 25     | 25 | 25 | 25         | 25 | 25     | 25 | 25 | 25 | 25 | 25     | 25 | 25 | 25 | 25 | 25 | 25 | 25    | 25 | 25   | 25 | 25 | 25 | 25 | 25 | 25 |
| METRAL<br>P/N | ROW | CONTACT CODE<br>MOD. 1                |    |    |    |    | MOD. 2 |    |    |    |    | MOD. 3 |    |    |    |    | MOD. 4 |     |    |               |    | MOD. 5 |    |    |            |    | MOD. 6 |    |    |            |    | MOD. 7 |    |    |    |    | MOD. 8 |    |    |    |    |    |    |       |    |      |    |    |    |    |    |    |
|               |     | 1                                     | 2  | 3  | 4  | 5  | 6      | 7  | 8  | 9  | 10 | 11     | 12 | 13 | 14 | 15 | 16     | 17  | 18 | 19            | 20 | 21     | 22 | 23 | 24         | 25 | 26     | 27 | 28 | 29         | 30 | 31     | 32 | 33 | 34 | 35 | 36     | 37 | 38 | 39 | 40 | 41 | 42 | 43    | 44 | 45   | 46 | 47 | 48 |    |    |    |
|               | D   | 41                                    | 41 | 41 | 41 | 41 | 41     | 41 | 41 | 41 | 41 | 41     | 41 | 41 | 41 | 41 | 41     | 41  | 41 | 41            | 41 | 41     | 41 | 41 | 41         | 41 | 41     | 41 | 41 | 41         | 41 | 41     | 41 | 41 | 41 | 41 | 41     | 41 | 41 | 41 | 41 | 41 | 41 | 41    | 41 | 41   | 41 | 41 | 41 | 41 | 41 |    |
|               | C   | 42                                    | 42 | 42 | 42 | 42 | 42     | 42 | 42 | 42 | 42 | 42     | 42 | 42 | 42 | 42 | 42     | 42  | 42 | 42            | 42 | 42     | 42 | 42 | 42         | 42 | 42     | 42 | 42 | 42         | 42 | 42     | 42 | 42 | 42 | 42 | 42     | 42 | 42 | 42 | 42 | 42 | 42 | 42    | 42 | 42   | 42 | 42 | 42 | 42 | 42 | 42 |
| 89076-X30LF   | B   | 43                                    | 43 | 43 | 43 | 43 | 43     | 43 | 43 | 43 | 43 | 43     | 43 | 43 | 43 | 43 | 43     | 43  | 43 | 43            | 43 | 43     | 43 | 43 | 43         | 43 | 43     | 43 | 43 | 43         | 43 | 43     | 43 | 43 | 43 | 43 | 43     | 43 | 43 | 43 | 43 | 43 | 43 | 43    | 43 | 43   | 43 | 43 | 43 | 43 | 43 |    |
|               | A   | 43                                    | 43 | 43 | 43 | 43 | 43     | 43 | 43 | 43 | 43 | 43     | 43 | 43 | 43 | 43 | 43     | 43  | 43 | 43            | 43 | 43     | 43 | 43 | 43         | 43 | 43     | 43 | 43 | 43         | 43 | 43     | 43 | 43 | 43 | 43 | 43     | 43 | 43 | 43 | 43 | 43 | 43 | 43    | 43 | 43   | 43 | 43 | 43 | 43 | 43 | 43 |
| spec ref      |     | *                                     |    |    |    |    |        |    |    |    |    |        |    |    |    |    |        | dr  |    | Terran Huang  |    |        |    |    | 2010/11/03 |    |        |    |    | projection |    | MM     |    |    |    |    | size   |    | A4 |    |    |    |    | scale |    | 1:10 |    |    |    |    |    |    |
| tolerance std |     | TOLERANCES UNLESS OTHERWISE SPECIFIED |    |    |    |    |        |    |    |    |    |        |    |    |    |    |        | eng |    | Rahul Mohan-M |    |        |    |    |            |    |        |    |    |            |    |        |    |    |    |    |        |    |    |    |    |    |    |       |    |      |    |    |    |    |    |    |

| METRAL<br>P/N | ROW | CONTACT CODE<br>MOD. 1 |    |    |    |    | MOD. 2 |    |    |    |    | MOD. 3 |    |    |    |    | MOD. 4 |    |    |    |    | MOD. 5 |    |    |    |    | MOD. 6 |    |    |    |    | MOD. 7 |    |    |    |    | MOD. 8 |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |
|---------------|-----|------------------------|----|----|----|----|--------|----|----|----|----|--------|----|----|----|----|--------|----|----|----|----|--------|----|----|----|----|--------|----|----|----|----|--------|----|----|----|----|--------|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|
|               |     | 1                      | 2  | 3  | 4  | 5  | 6      | 7  | 8  | 9  | 10 | 11     | 12 | 13 | 14 | 15 | 16     | 17 | 18 | 19 | 20 | 21     | 22 | 23 | 24 | 25 | 26     | 27 | 28 | 29 | 30 | 31     | 32 | 33 | 34 | 35 | 36     | 37 | 38 | 39 | 40 | 41 | 42 | 43 | 44 | 45 | 46 | 47 | 48 |    |    |    |    |    |    |    |    |
| 89076-X31LF   | D   | 41                     | 41 | 41 | 41 | 41 | 41     | 41 | 41 | 41 | 41 | 41     | 41 | 41 | 41 | 41 | 41     | 41 | 41 | 41 | 41 | 41     | 41 | 41 | 41 | 41 | 41     | 41 | 41 | 41 | 41 | 41     | 41 | 41 | 41 | 41 | 41     | 41 | 41 | 41 | 41 | 41 | 41 | 41 | 41 | 41 | 41 | 41 | 41 | 41 | 41 |    |    |    |    |    |    |
|               | C   | 41                     | 41 | 41 | 41 | 41 | 41     | 41 | 41 | 41 | 41 | 41     | 41 | 41 | 41 | 41 | 41     | 41 | 41 | 41 | 41 | 41     | 41 | 41 | 41 | 41 | 41     | 41 | 41 | 41 | 41 | 41     | 41 | 41 | 41 | 41 | 41     | 41 | 41 | 41 | 41 | 41 | 41 | 41 | 41 | 41 | 41 | 41 | 41 | 41 | 41 | 41 | 41 | 41 |    |    |    |
|               | B   | 43                     | 43 | 43 | 43 | 43 | 43     | 43 | 43 | 43 | 43 | 43     | 43 | 43 | 43 | 43 | 43     | 43 | 43 | 43 | 43 | 43     | 43 | 43 | 43 | 43 | 43     | 43 | 43 | 43 | 43 | 43     | 43 | 43 | 43 | 43 | 43     | 43 | 43 | 43 | 43 | 43 | 43 | 43 | 43 | 43 | 43 | 43 | 43 | 43 | 43 | 43 | 43 | 43 | 43 |    |    |
|               | A   | 41                     | 41 | 41 | 41 | 41 | 41     | 41 | 41 | 41 | 41 | 41     | 41 | 41 | 41 | 41 | 41     | 41 | 41 | 41 | 41 | 41     | 41 | 41 | 41 | 41 | 41     | 41 | 41 | 41 | 41 | 41     | 41 | 41 | 41 | 41 | 41     | 41 | 41 | 41 | 41 | 41 | 41 | 41 | 41 | 41 | 41 | 41 | 41 | 41 | 41 | 41 | 41 | 41 | 41 | 41 | 41 |

| METRAL<br>P/N | ROW | CONTACT CODE<br>MOD. 1 |    |    |    |    | MOD. 2 |    |    |    |    |    | MOD. 3 |    |    |    |    |    | MOD. 4 |    |    |    |    |    | MOD. 5 |    |    |    |    |    | MOD. 6 |    |    |    |    |    | MOD. 7 |    |    |    |    |    | MOD. 8 |    |    |    |    |    |    |    |    |    |
|---------------|-----|------------------------|----|----|----|----|--------|----|----|----|----|----|--------|----|----|----|----|----|--------|----|----|----|----|----|--------|----|----|----|----|----|--------|----|----|----|----|----|--------|----|----|----|----|----|--------|----|----|----|----|----|----|----|----|----|
|               |     | 1                      | 2  | 3  | 4  | 5  | 6      | 7  | 8  | 9  | 10 | 11 | 12     | 13 | 14 | 15 | 16 | 17 | 18     | 19 | 20 | 21 | 22 | 23 | 24     | 25 | 26 | 27 | 28 | 29 | 30     | 31 | 32 | 33 | 34 | 35 | 36     | 37 | 38 | 39 | 40 | 41 | 42     | 43 | 44 | 45 | 46 | 47 | 48 |    |    |    |
| 89076-X32LF   | D   | 42                     | 42 | 42 | 42 | 42 | 42     | 42 | 42 | 42 | 42 | 42 | 42     | 42 | 42 | 42 | 42 | 42 | 42     | 42 | 42 | 42 | 42 | 42 | 42     | 42 | 42 | 42 | 42 | 42 | 42     | 42 | 42 | 42 | 42 | 42 | 42     | 42 | 42 | 42 | 42 | 42 | 42     | 42 | 42 | 42 | 42 | 42 | 42 | 42 | 42 |    |
|               | C   | 42                     | 42 | 42 | 42 | 42 | 42     | 42 | 42 | 42 | 42 | 42 | 42     | 42 | 42 | 42 | 42 | 42 | 42     | 42 | 42 | 42 | 42 | 42 | 42     | 42 | 42 | 42 | 42 | 42 | 42     | 42 | 42 | 42 | 42 | 42 | 42     | 42 | 42 | 42 | 42 | 42 | 42     | 42 | 42 | 42 | 42 | 42 | 42 | 42 | 42 | 42 |
|               | B   | 42                     | 42 | 42 | 42 | 42 | 42     | 42 | 42 | 42 | 42 | 42 | 42     | 42 | 42 | 42 | 42 | 42 | 42     | 42 | 42 | 42 | 42 | 42 | 42     | 42 | 42 | 42 | 42 | 42 | 42     | 42 | 42 | 42 | 42 | 42 | 42     | 42 | 42 | 42 | 42 | 42 | 42     | 42 | 42 | 42 | 42 | 42 | 42 | 42 | 42 | 42 |
|               | A   | 42                     | 42 | 42 | 42 | 42 | 42     | 42 | 42 | 42 | 42 | 42 | 42     | 42 | 42 | 42 | 42 | 42 | 42     | 42 | 42 | 42 | 42 | 42 | 42     | 42 | 42 | 42 | 42 | 42 | 42     | 42 | 42 | 42 | 42 | 42 | 42     | 42 | 42 | 42 | 42 | 42 | 42     | 42 | 42 | 42 | 42 | 42 | 42 | 42 | 42 | 42 |

| METRAL<br>P/N | ROW | CONTACT CODE<br>MOD. 1 |    |    |    |    | MOD. 2 |    |    |    |    |    | MOD. 3 |    |    |    |    |    | MOD. 4 |    |    |    |    |    | MOD. 5 |    |    |    |    |    | MOD. 6 |    |    |    |    |    | MOD. 7 |    |    |    |    |    | MOD. 8 |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    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|               |     | 1                      | 2  | 3  | 4  | 5  | 6      | 7  | 8  | 9  | 10 | 11 | 12     | 13 | 14 | 15 | 16 | 17 | 18     | 19 | 20 | 21 | 22 | 23 | 24     | 25 | 26 | 27 | 28 | 29 | 30     | 31 | 32 | 33 | 34 | 35 | 36     | 37 | 38 | 39 | 40 | 41 | 42     | 43 | 44 | 45 | 46 | 47 | 48 |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    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| 89076-X33LF   | D   | 43                     | 43 | 43 | 43 | 43 | 43     | 43 | 43 | 43 | 43 | 43 | 43     | 43 | 43 | 43 | 43 | 43 | 43     | 43 | 43 | 43 | 43 | 43 | 43     | 43 | 43 | 43 | 43 | 43 | 43     | 43 | 43 | 43 | 43 | 43 | 43     | 43 | 43 | 43 | 43 | 43 | 43     | 43 | 43 | 43 | 43 | 43 | 43 | 43 | 43 | 43 | 43 | 43 | 43 | 43 | 43 | 43 | 43 | 43 | 43 | 43 | 43 | 43 | 43 | 43 | 43 | 43 | 43 | 43 | 43 | 43 | 43 | 43 | 43 | 43 | 43 | 43 | 43 | 43 | 43 | 43 | 43 | 43 | 43 | 43 | 43 | 43 | 43 | 43 | 43 | 43 | 43 | 43 | 43 | 43 | 43 | 43 | 43 | 43 | 43 | 43 | 43 | 43 | 43 | 43 | 43 | 43 | 43 | 43 | 43 | 43 | 43 | 43 | 43 | 43 | 43 | 43 | 43 | 43 | 43 | 43 | 43 | 43 | 43 | 43 | 43 | 43 | 43 | 43 | 43 | 43 | 43 | 43 | 43 | 43 | 43 | 43 | 43 | 43 | 43 | 43 | 43 | 43 | 43 | 43 | 43 | 43 | 43 | 43 | 43 | 43 | 43 | 43 | 43 | 43 | 43 | 43 | 43 | 43 | 43 | 43 | 43 | 43 | 43 | 43 | 43 | 43 | 43 | 43 | 43 | 43 | 43 | 43 | 43 | 43 | 43 | 43 | 43 | 43 | 43 | 43 | 43 | 43 | 43 | 43 | 43 | 43 | 43 | 43 | 43 | 43 | 43 | 43 | 43 | 43 | 43 | 43 | 43 | 43 | 43 | 43 | 43 | 43 | 43 | 43 | 43 | 43 | 43 | 43 | 43 | 43 | 43 | 43 | 43 | 43 | 43 | 43 | 43 | 43 | 43 | 43 | 43 | 43 | 43 | 43 | 43 | 43 | 43 | 43 | 43 | 43 | 43 | 43 | 43 | 43 | 43 | 43 | 43 | 43 | 43 | 43 | 43 | 43 | 43 | 43 | 43 | 43 | 43 | 43 | 43 | 43 | 43 | 43 | 43 | 43 | 43 | 43 | 43 | 43 | 43 | 43 | 43 | 43 | 43 | 43 | 43 | 43 | 43 | 43 | 43 | 43 | 43 | 43 | 43 | 43 | 43 | 43 | 43 | 43 | 43 | 43 | 43 | 43 | 43 | 43 | 43 | 43 | 43 | 43 | 43 | 43 | 43 | 43 | 43 | 43 | 43 | 43 | 43 | 43 | 43 | 43 | 43 | 43 | 43 | 43 | 43 | 43 | 43 | 43 | 43 | 43 | 43 | 43 | 43 | 43 | 43 | 43 | 43 | 43 | 43 | 43 | 43 | 43 | 43 | 43 | 43 | 43 | 43 | 43 | 43 | 43 | 43 | 43 | 43 | 43 | 43 | 43 | 43 | 43 | 43 | 43 | 43 | 43 | 43 | 43 | 43 | 43 | 43 | 43 | 43 | 43 | 43 | 43 | 43 | 43 | 43 | 43 | 43 | 43 | 43 | 43 | 43 | 43 | 43 | 43 | 43 | 43 | 43 | 43 | 43 | 43 | 43 | 43 | 43 | 43 | 43 | 43 | 43 | 43 | 43 | 43 | 43 | 43 | 43 | 43 | 43 | 43 | 43 | 43 | 43 | 43 | 43 | 43 | 43 | 43 | 43 | 43 | 43 | 43 | 43 | 43 | 43 | 43 | 43 | 43 | 43 | 43 | 43 | 43 | 43 | 43 | 43 | 43 | 43 | 43 | 43 | 43 | 43 | 43 | 43 | 43 | 43 | 43 | 43 | 43 | 43 | 43 | 43 | 43 | 43 | 43 | 43 | 43 | 43 | 43 | 43 | 43 | 43 | 43 | 43 | 43 | 43 | 43 | 43 | 43 | 43 | 43 | 43 | 43 | 43 | 43 | 43 | 43 | 43 | 43 | 43 | 43 | 43 | 43 | 43 | 43 | 43 | 43 | 43 | 43 | 43 | 43 | 43 | 43 | 43 | 43 | 43 | 43 | 43 | 43 | 43 | 43 | 43 | 43 | 43 | 43 | 43 | 43 | 43 | 43 | 43 | 43 | 43 | 43 | 43 | 43 | 43 | 43 | 43 | 43 | 43 | 43 | 43 | 43 | 43 | 43 | 43 | 43 | 43 | 43 | 43 | 43 | 43 | 43 | 43 | 43 | 43 | 43 | 43 | 43 | 43 | 43 | 43 | 43 | 43 | 43 | 43 | 43 | 43 | 43 | 43 | 43 | 43 | 43 | 43 | 43 | 43 | 43 | 43 | 43 | 43 | 43 | 43 | 43 | 43 | 43 | 43 | 43 | 43 | 43 | 43 | 43 | 43 | 43 | 43 | 43 | 43 | 43 | 43 | 43 | 43 | 43 | 43 | 43 | 43 | 43 | 43 | 43 | 43 | 43 | 43 | 43 | 43 | 43 | 43 | 43 | 43 | 43 | 43 | 43 | 43 | 43 | 43 | 43 | 43 | 43 | 43 | 43 | 43 | 43 | 43 | 43 | 43 | 43 | 43 | 43 | 43 | 43 | 43 | 43 | 43 | 43 | 43 | 43 | 43 | 43 | 43 | 43 | 43 | 43 | 43 | 43 | 43 | 43 | 43 | 43 | 43 | 43 | 43 | 43 | 43 | 43 | 43 | 43 | 43 | 43 | 43 | 43 | 43 | 43 | 43 | 43 | 43 | 43 | 43 | 43 | 43 | 43 | 43 | 43 | 43 | 43 | 43 | 43 | 43 | 43 | 43 | 43 | 43 | 43 | 43 | 43 | 43 | 43 | 43 | 43 | 43 | 43 | 43 | 43 | 43 | 43 | 43 | 43 | 43 | 43 | 43 | 43 | 43 | 43 | 43 | 43 | 43 | 43 | 43 | 43 | 43 | 43 | 43 | 43 | 43 | 43 | 43 | 43 | 43 | 43 | 43 | 43 | 43 | 43 | 43 | 43 | 43 | 43 | 43 | 43 | 43 | 43 | 43 | 43 | 43 | 43 | 43 | 43 | 43 | 43 | 43 | 43 | 43 | 43 | 43 | 43 | 43 | 43 | 43 | 43 | 43 | 43 | 43 | 43 | 43 | 43 | 43 | 43 | 43 | 43 | 43 | 43 | 43 | 43 | 43 | 43 | 43 | 43 | 43 | 43 | 43 | 43 | 43 | 43 | 43 | 43 | 43 | 43 | 43 | 43 | 43 | 43 | 43 | 43 | 43 | 43 | 43 | 43 | 43 | 43 | 43 | 43 | 43 | 43 | 43 | 43 | 43 | 43 | 43 | 43 | 43 | 43 | 43 | 43 | 43 | 43 | 43 | 43 | 43 | 43 | 43 | 43 | 43 | 43 | 43 | 43 | 43 | 43 | 43 | 43 | 43 | 43 | 43 | 43 | 43 | 43 | 43 | 43 | 43 | 43 | 43 | 43 | 43 | 43 | 43 | 43 | 43 | 43 | 43 | 43 | 43 | 43 | 43 | 43 | 43 | 43 | 43 | 43 | 43 | 43 | 43 | 43 | 43 | 43 | 43 | 43 | 43 | 43 | 43 | 43 | 43 | 43 | 43 | 43 | 43 | 43 | 43 | 43 | 43 | 43 | 43 | 43 | 43 | 43 | 43 | 43 | 43 | 43 | 43 | 43 | 43 | 43 | 43 | 43 | 43 | 43 | 43 | 43 | 43 | 43 | 43 | 43 | 43 | 43 | 43 | 43 | 43 | 43 | 43 | 43 | 43 | 43 | 43 | 43 | 43 | 43 | 43 | 43 | 43 | 43 | 43 | 43 | 43 | 43 | 43 | 43 | 43 | 43 | 43 | 43 | 43 | 43 | 43 | 43 | 43 | 43 | 43 | 43 | 43 | 43 | 43 | 43 | 43 | 43 | 43 | 43 | 43 | 43 | 43 | 43 | 43 | 43 | 43 | 43 | 43 | 43 | 43 | 43 | 43 | 43 | 43 | 43 | 43 | 43 | 43 | 43 | 43 | 43 | 43 | 43 | 43 | 43 | 43 | 43 | 43 | 43 | 43 | 43 | 43 | 43 | 43 | 43 | 43 | 43 | 43 | 43 | 43 | 43 | 43 | 43 | 43 | 43 | 43 | 43 | 43 | 43 | 43 | 43 | 43 | 43 | 43 | 43 | 43 | 43 | 43 | 43 | 43 | 43 | 43 | 43 | 43 | 43 | 43 | 43 | 43 | 43 | 43 | 43 | 43 | 43 | 43 | 43 | 43 | 43 | 43 | 43 | 43 | 43 | 43 | 43 | 43 | 43 | 43 | 43 | 43 | 43 | 43 | 43 | 43 | 43 | 43 | 43 | 43 | 43 | 43 | 43 | 43 | 43 | 43 | 43 | 43 | 43 | 43 | 43 | 43 | 43 | 43 | 43 | 43 | 43 | 43 | 43 | 43 | 43 | 43 | 43 | 43 | 43 | 43 | 43 | 43 | 43 | 43 | 43 | 43 | 43 | 43 | 43 | 43 | 43 | 43 | 43 | 43 | 43 | 43 | 43 | 43</ |

| METRAL<br>P/N | ROW | CONTACT CODE<br>MOD. 1 |    |    |    |    | MOD. 2 |    |    |    |    | MOD. 3 |    |    |    |    | MOD. 4 |    |    |    |    | MOD. 5 |    |    |    |    | MOD. 6 |    |    |    |    | MOD. 7 |    |    |    |    | MOD. 8 |    |    |    |    |    |    |    |    |    |    |    |    |    |
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|               |     | 1                      | 2  | 3  | 4  | 5  | 6      | 7  | 8  | 9  | 10 | 11     | 12 | 13 | 14 | 15 | 16     | 17 | 18 | 19 | 20 | 21     | 22 | 23 | 24 | 25 | 26     | 27 | 28 | 29 | 30 | 31     | 32 | 33 | 34 | 35 | 36     | 37 | 38 | 39 | 40 | 41 | 42 | 43 | 44 | 45 | 46 | 47 | 48 |    |
| 89076-X34LF   | D   | 11                     | 11 | 11 | 11 | 11 | 11     | 11 | 11 | 11 | 11 | 11     | 11 | 11 | 11 | 11 | 11     | 11 | 11 | 11 | 11 | 11     | 11 | 11 | 11 | 11 | 11     | 11 | 11 | 11 | 11 | 11     | 11 | 11 | 11 | 11 | 11     | 11 | 11 | 11 | 11 | 11 | 11 | 11 | 11 | 11 | 11 | 11 | 11 |    |
|               | C   | 12                     | 12 | 12 | 12 | 12 | 12     | 12 | 12 | 12 | 12 | 12     | 12 | 12 | 12 | 12 | 12     | 12 | 12 | 12 | 12 | 12     | 12 | 12 | 12 | 12 | 12     | 12 | 12 | 12 | 12 | 12     | 12 | 12 | 12 | 12 | 12     | 12 | 12 | 12 | 12 | 12 | 12 | 12 | 12 | 12 | 12 | 12 | 12 | 12 |
|               | B   | 21                     | 21 | 21 | 21 | 21 | 21     | 21 | 21 | 21 | 21 | 21     | 21 | 21 | 21 | 21 | 21     | 21 | 21 | 21 | 21 | 21     | 21 | 21 | 21 | 21 | 21     | 21 | 21 | 21 | 21 | 21     | 21 | 21 | 21 | 21 | 21     | 21 | 21 | 21 | 21 | 21 | 21 | 21 | 21 | 21 | 21 | 21 | 21 | 21 |
|               | A   | 21                     | 21 | 21 | 21 | 21 | 21     | 21 | 21 | 21 | 21 | 21     | 21 | 21 | 21 | 21 | 21     | 21 | 21 | 21 | 21 | 21     | 21 | 21 | 21 | 21 | 21     | 21 | 21 | 21 | 21 | 21     | 21 | 21 | 21 | 21 | 21     | 21 | 21 | 21 | 21 | 21 | 21 | 21 | 21 | 21 | 21 | 21 | 21 | 21 |

| METRAL<br>P/N | ROW | CONTACT CODE<br>MOD. 1 |    |    |    |    | MOD. 2 |    |    |    |    | MOD. 3 |    |    |    |    | MOD. 4 |    |    |    |    | MOD. 5 |    |    |    |    | MOD. 6 |    |    |    |    | MOD. 7 |    |    |    |    | MOD. 8 |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |
|---------------|-----|------------------------|----|----|----|----|--------|----|----|----|----|--------|----|----|----|----|--------|----|----|----|----|--------|----|----|----|----|--------|----|----|----|----|--------|----|----|----|----|--------|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|
|               |     | 1                      | 2  | 3  | 4  | 5  | 6      | 7  | 8  | 9  | 10 | 11     | 12 | 13 | 14 | 15 | 16     | 17 | 18 | 19 | 20 | 21     | 22 | 23 | 24 | 25 | 26     | 27 | 28 | 29 | 30 | 31     | 32 | 33 | 34 | 35 | 36     | 37 | 38 | 39 | 40 | 41 | 42 | 43 | 44 | 45 | 46 | 47 | 48 |    |    |    |
| 89076-X35LF   | D   | 11                     | 11 | 11 | 11 | 11 | 11     | 11 | 11 | 11 | 11 | 11     | 11 | 11 | 11 | 11 | 11     | 11 | 11 | 11 | 11 | 11     | 11 | 11 | 11 | 11 | 11     | 11 | 11 | 11 | 11 | 11     | 11 | 11 | 11 | 11 | 11     | 11 | 11 | 11 | 11 | 11 | 11 | 11 | 11 | 11 | 11 | 11 | 11 | 11 | 11 |    |
|               | C   | 11                     | 11 | 11 | 11 | 11 | 11     | 11 | 11 | 11 | 11 | 11     | 11 | 11 | 11 | 11 | 11     | 11 | 11 | 11 | 11 | 11     | 11 | 11 | 11 | 11 | 11     | 11 | 11 | 11 | 11 | 11     | 11 | 11 | 11 | 11 | 11     | 11 | 11 | 11 | 11 | 11 | 11 | 11 | 11 | 11 | 11 | 11 | 11 | 11 | 11 | 11 |
|               | B   | 21                     | 21 | 21 | 21 | 21 | 21     | 21 | 21 | 21 | 21 | 21     | 21 | 21 | 21 | 21 | 21     | 21 | 21 | 21 | 21 | 21     | 21 | 21 | 21 | 21 | 21     | 21 | 21 | 21 | 21 | 21     | 21 | 21 | 21 | 21 | 21     | 21 | 21 | 21 | 21 | 21 | 21 | 21 | 21 | 21 | 21 | 21 | 21 | 21 | 21 | 21 |
|               | A   | 11                     | 11 | 11 | 11 | 11 | 11     | 11 | 11 | 11 | 11 | 11     | 11 | 11 | 11 | 11 | 11     | 11 | 11 | 11 | 11 | 11     | 11 | 11 | 11 | 11 | 11     | 11 | 11 | 11 | 11 | 11     | 11 | 11 | 11 | 11 | 11     | 11 | 11 | 11 | 11 | 11 | 11 | 11 | 11 | 11 | 11 | 11 | 11 | 11 | 11 | 11 |

|               |                                       |       |        |                         |                |            |                       |               |                      |                        |           |          |        |               |  |     |   |
|---------------|---------------------------------------|-------|--------|-------------------------|----------------|------------|-----------------------|---------------|----------------------|------------------------|-----------|----------|--------|---------------|--|-----|---|
| spec ref      |                                       | *     |        | dr                      | Terran Huang   | 2010/11/03 | <div>projection</div> | <div>MM</div> | size                 | A4                     | scale     | 11:10    |        |               |  |     |   |
| tolerance std | TOLERANCES UNLESS OTHERWISE SPECIFIED |       |        | eng                     | Rahul Mohan-M  | 2021/08/16 |                       |               | ecn no               | ELX-I-41803-1          |           |          |        |               |  |     |   |
|               |                                       |       |        | chr                     | -              | -          |                       |               |                      |                        |           |          |        |               |  |     |   |
| ISO 406       |                                       |       |        | appr                    | Kuriakose, San | 2021/08/16 | product family        |               | METRAL               |                        | rel level | Released |        |               |  |     |   |
| ISO 1101      |                                       |       |        |                         |                |            |                       |               |                      |                        |           |          |        |               |  |     |   |
| surface 3.200 | linear                                | 0.X   | ±0.3   | <div>Amphenol FCI</div> |                |            |                       | title         | METRAL SIGNAL HEADER |                        |           |          | dwg no | 89076         |  | rev | V |
|               |                                       | 0.XX  | ±0.13  |                         |                |            |                       |               |                      |                        |           |          |        |               |  |     |   |
|               |                                       | 0.XXX | ±0.050 |                         |                |            |                       |               |                      |                        |           |          |        |               |  |     |   |
| ISO 1302      | angular                               | 0°    | ±2°    | amphenol-icc.com        |                |            |                       | cat. no.      | -                    | Product - Customer Drw |           |          |        | sheet 7 of 11 |  |     |   |

| METRAL<br>P/N | ROW | CONTACT CODE<br>MOD. 1 |    |    |    |    |    | MOD. 2 |    |    |    |    |    | MOD. 3 |    |    |    |    |    | MOD. 4 |    |    |    |    |    | MOD. 5 |    |    |    |    |    | MOD. 6 |    |    |    |    |    | MOD. 7 |    |    |    |    |    | MOD. 8 |    |    |    |    |    |    |
|---------------|-----|------------------------|----|----|----|----|----|--------|----|----|----|----|----|--------|----|----|----|----|----|--------|----|----|----|----|----|--------|----|----|----|----|----|--------|----|----|----|----|----|--------|----|----|----|----|----|--------|----|----|----|----|----|----|
|               |     | 1                      | 2  | 3  | 4  | 5  | 6  | 7      | 8  | 9  | 10 | 11 | 12 | 13     | 14 | 15 | 16 | 17 | 18 | 19     | 20 | 21 | 22 | 23 | 24 | 25     | 26 | 27 | 28 | 29 | 30 | 31     | 32 | 33 | 34 | 35 | 36 | 37     | 38 | 39 | 40 | 41 | 42 | 43     | 44 | 45 | 46 | 47 | 48 |    |
| 89076-X36LF   | D   | 7                      | 7  | 7  | 7  | 7  | 7  | 7      | 7  | 7  | 7  | 7  | 7  | 7      | 7  | 7  | 7  | 7  | 7  | 7      | 7  | 7  | 7  | 7  | 7  | 7      | 7  | 7  | 7  | 7  | 7  | 7      | 7  | 7  | 7  | 7  | 7  | 7      | 7  | 7  | 7  | 7  | 7  | 7      | 7  | 7  | 7  | 7  | 7  |    |
|               | C   | 8                      | 8  | 8  | 8  | 8  | 8  | 8      | 8  | 8  | 8  | 8  | 8  | 8      | 8  | 8  | 8  | 8  | 8  | 8      | 8  | 8  | 8  | 8  | 8  | 8      | 8  | 8  | 8  | 8  | 8  | 8      | 8  | 8  | 8  | 8  | 8  | 8      | 8  | 8  | 8  | 8  | 8  | 8      | 8  | 8  | 8  | 8  | 8  | 8  |
|               | B   | 20                     | 20 | 20 | 20 | 20 | 20 | 20     | 20 | 20 | 20 | 20 | 20 | 20     | 20 | 20 | 20 | 20 | 20 | 20     | 20 | 20 | 20 | 20 | 20 | 20     | 20 | 20 | 20 | 20 | 20 | 20     | 20 | 20 | 20 | 20 | 20 | 20     | 20 | 20 | 20 | 20 | 20 | 20     | 20 | 20 | 20 | 20 | 20 |    |
|               | A   | 20                     | 20 | 20 | 20 | 20 | 20 | 20     | 20 | 20 | 20 | 20 | 20 | 20     | 20 | 20 | 20 | 20 | 20 | 20     | 20 | 20 | 20 | 20 | 20 | 20     | 20 | 20 | 20 | 20 | 20 | 20     | 20 | 20 | 20 | 20 | 20 | 20     | 20 | 20 | 20 | 20 | 20 | 20     | 20 | 20 | 20 | 20 | 20 | 20 |
| METRAL<br>P/N | ROW | CONTACT CODE<br>MOD. 1 |    |    |    |    |    | MOD. 2 |    |    |    |    |    | MOD. 3 |    |    |    |    |    | MOD. 4 |    |    |    |    |    | MOD. 5 |    |    |    |    |    | MOD. 6 |    |    |    |    |    | MOD. 7 |    |    |    |    |    | MOD. 8 |    |    |    |    |    |    |
|               |     | 1                      | 2  | 3  | 4  | 5  | 6  | 7      | 8  | 9  | 10 | 11 | 12 | 13     | 14 | 15 | 16 | 17 | 18 | 19     | 20 | 21 | 22 | 23 | 24 | 25     | 26 | 27 | 28 | 29 | 30 | 31     | 32 | 33 | 34 | 35 | 36 | 37     | 38 | 39 | 40 | 41 | 42 | 43     | 44 | 45 | 46 | 47 | 48 |    |
| 89076-X37LF   | D   | 7                      | 7  | 7  | 7  | 7  | 7  | 7      | 7  | 7  | 7  | 7  | 7  | 7      | 7  | 7  | 7  | 7  | 7  | 7      | 7  | 7  | 7  | 7  | 7  | 7      | 7  | 7  | 7  | 7  | 7  | 7      | 7  | 7  | 7  | 7  | 7  | 7      | 7  | 7  | 7  | 7  | 7  | 7      | 7  | 7  | 7  | 7  | 7  | 7  |
|               | C   | 7                      | 7  | 7  | 7  | 7  | 7  | 7      | 7  | 7  | 7  | 7  | 7  | 7      | 7  | 7  | 7  | 7  | 7  | 7      | 7  | 7  | 7  | 7  | 7  | 7      | 7  | 7  | 7  | 7  | 7  | 7      | 7  | 7  | 7  | 7  | 7  | 7      | 7  | 7  | 7  | 7  | 7  | 7      | 7  | 7  | 7  | 7  | 7  | 7  |
|               | B   | 20                     | 20 | 20 | 20 | 20 | 20 | 20     | 20 | 20 | 20 | 20 | 20 | 20     | 20 | 20 | 20 | 20 | 20 | 20     | 20 | 20 | 20 | 20 | 20 | 20     | 20 | 20 | 20 | 20 | 20 | 20     | 20 | 20 | 20 | 20 | 20 | 20     | 20 | 20 | 20 | 20 | 20 | 20     | 20 | 20 | 20 | 20 | 20 | 20 |
|               | A   | 7                      | 7  | 7  | 7  | 7  | 7  | 7      | 7  | 7  | 7  | 7  | 7  | 7      | 7  | 7  | 7  | 7  | 7  | 7      | 7  | 7  | 7  | 7  | 7  | 7      | 7  | 7  | 7  | 7  | 7  | 7      | 7  | 7  | 7  | 7  | 7  | 7      | 7  | 7  | 7  | 7  | 7  | 7      | 7  | 7  | 7  | 7  | 7  | 7  |

| METRAL<br>P/N | ROW | CONTACT CODE<br>MOD. 1 |    |    |    |    |    | MOD. 2 |    |    |    |    |    | MOD. 3 |    |    |    |    |    | MOD. 4 |    |    |    |    |    | MOD. 5 |    |    |    |    |    | MOD. 6 |    |    |    |    |    | MOD. 7 |    |    |    |    |    | MOD. 8 |    |    |    |    |    |
|---------------|-----|------------------------|----|----|----|----|----|--------|----|----|----|----|----|--------|----|----|----|----|----|--------|----|----|----|----|----|--------|----|----|----|----|----|--------|----|----|----|----|----|--------|----|----|----|----|----|--------|----|----|----|----|----|
|               |     | 1                      | 2  | 3  | 4  | 5  | 6  | 7      | 8  | 9  | 10 | 11 | 12 | 13     | 14 | 15 | 16 | 17 | 18 | 19     | 20 | 21 | 22 | 23 | 24 | 25     | 26 | 27 | 28 | 29 | 30 | 31     | 32 | 33 | 34 | 35 | 36 | 37     | 38 | 39 | 40 | 41 | 42 | 43     | 44 | 45 | 46 | 47 | 48 |
| 89076-X38LF   | D   | 59                     | 59 | 59 | 59 | 59 | 59 | 59     | 59 | 59 | 59 | 59 | 59 | 59     | 59 | 59 | 59 | 59 | 59 | 59     | 59 | 59 | 59 | 59 | 59 | 59     | 59 | 59 | 59 | 59 | 59 | 59     | 59 | 59 | 59 | 59 | 59 | 59     | 59 | 59 | 59 | 59 | 59 | 59     | 59 | 59 | 59 | 59 | 59 |
|               | C   | 59                     | 59 | 59 | 59 | 59 | 59 | 59     | 59 | 59 | 59 | 59 | 59 | 59     | 59 | 59 | 59 | 59 | 59 | 59     | 59 | 59 | 59 | 59 | 59 | 59     | 59 | 59 | 59 | 59 | 59 | 59     | 59 | 59 | 59 | 59 | 59 | 59     | 59 | 59 | 59 | 59 | 59 | 59     | 59 | 59 | 59 | 59 | 59 |
|               | B   | 59                     | 59 | 59 | 59 | 59 | 59 | 59     | 59 | 59 | 59 | 59 | 59 | 59     | 59 | 59 | 59 | 59 | 59 | 59     | 59 | 59 | 59 | 59 | 59 | 59     | 59 | 59 | 59 | 59 | 59 | 59     | 59 | 59 | 59 | 59 | 59 | 59     | 59 | 59 | 59 | 59 | 59 | 59     | 59 | 59 | 59 | 59 | 59 |
|               | A   | 59                     | 59 | 59 | 59 | 59 | 59 | 59     | 59 | 59 | 59 | 59 | 59 | 59     | 59 | 59 | 59 | 59 | 59 | 59     | 59 | 59 | 59 | 59 | 59 | 59     | 59 | 59 | 59 | 59 | 59 | 59     | 59 | 59 | 59 | 59 | 59 | 59     | 59 | 59 | 59 | 59 | 59 | 59     | 59 | 59 | 59 | 59 | 59 |

| METRAL<br>P/N | ROW | CONTACT CODE<br>MOD. 1 |    |    |    |    |    | MOD. 2 |    |    |    |    |    | MOD. 3 |    |    |    |    |    | MOD. 4 |    |    |    |    |    | MOD. 5 |    |    |    |    |    | MOD. 6 |    |    |    |    |    | MOD. 7 |    |    |    |    |    | MOD. 8 |    |    |    |    |    |    |
|---------------|-----|------------------------|----|----|----|----|----|--------|----|----|----|----|----|--------|----|----|----|----|----|--------|----|----|----|----|----|--------|----|----|----|----|----|--------|----|----|----|----|----|--------|----|----|----|----|----|--------|----|----|----|----|----|----|
|               |     | 1                      | 2  | 3  | 4  | 5  | 6  | 7      | 8  | 9  | 10 | 11 | 12 | 13     | 14 | 15 | 16 | 17 | 18 | 19     | 20 | 21 | 22 | 23 | 24 | 25     | 26 | 27 | 28 | 29 | 30 | 31     | 32 | 33 | 34 | 35 | 36 | 37     | 38 | 39 | 40 | 41 | 42 | 43     | 44 | 45 | 46 | 47 | 48 |    |
| 89076-X39LF   | D   | -                      | -  | -  | -  | -  | -  | -      | -  | -  | -  | -  | -  | -      | -  | -  | -  | -  | -  | -      | -  | -  | -  | -  | -  | -      | -  | -  | -  | -  | -  | -      | -  | -  | -  | -  | -  | -      | -  | -  | -  | -  | -  | -      | -  | -  | -  | -  |    |    |
|               | C   | 59                     | 59 | 59 | 59 | 59 | 59 | 59     | 59 | 59 | 59 | 59 | 59 | 59     | 59 | 59 | 59 | 59 | 59 | 59     | 59 | 59 | 59 | 59 | 59 | 59     | 59 | 59 | 59 | 59 | 59 | 59     | 59 | 59 | 59 | 59 | 59 | 59     | 59 | 59 | 59 | 59 | 59 | 59     | 59 | 59 | 59 | 59 | 59 |    |
|               | B   | 59                     | 59 | 59 | 59 | 59 | 59 | 59     | 59 | 59 | 59 | 59 | 59 | 59     | 59 | 59 | 59 | 59 | 59 | 59     | 59 | 59 | 59 | 59 | 59 | 59     | 59 | 59 | 59 | 59 | 59 | 59     | 59 | 59 | 59 | 59 | 59 | 59     | 59 | 59 | 59 | 59 | 59 | 59     | 59 | 59 | 59 | 59 | 59 | 59 |
|               | A   | 59                     | 59 | 59 | 59 | 59 | 59 | 59     | 59 | 59 | 59 | 59 | 59 | 59     | 59 | 59 | 59 | 59 | 59 | 59     | 59 | 59 | 59 | 59 | 59 | 59     | 59 | 59 | 59 | 59 | 59 | 59     | 59 | 59 | 59 | 59 | 59 | 59     | 59 | 59 | 59 | 59 | 59 | 59     | 59 | 59 | 59 | 59 | 59 | 59 |

| METRAL<br>P/N | ROW | CONTACT CODE<br>MOD. 1 |   |   |   |   |   | MOD. 2 |   |   |    |    |    | MOD. 3 |    |    |    |    |    | MOD. 4 |    |    |    |    |    | MOD. 5 |    |    |    |    |    | MOD. 6 |    |    |    |    |    | MOD. 7 |    |    |    |    |    | MOD. 8 |    |    |    |    |    |
|---------------|-----|------------------------|---|---|---|---|---|--------|---|---|----|----|----|--------|----|----|----|----|----|--------|----|----|----|----|----|--------|----|----|----|----|----|--------|----|----|----|----|----|--------|----|----|----|----|----|--------|----|----|----|----|----|
|               |     | 1                      | 2 | 3 | 4 | 5 | 6 | 7      | 8 | 9 | 10 | 11 | 12 | 13     | 14 | 15 | 16 | 17 | 18 | 19     | 20 | 21 | 22 | 23 | 24 | 25     | 26 | 27 | 28 | 29 | 30 | 31     | 32 | 33 | 34 | 35 | 36 | 37     | 38 | 39 | 40 | 41 | 42 | 43     | 44 | 45 | 46 | 47 | 48 |
| 89076-X40LF   | D   | 2                      | 2 | 2 | 2 | 2 | 2 | 2      | 2 | 2 | 2  | 2  | 2  | 2      | 2  | 2  | 2  | 2  | 2  | 2      | 2  | 2  | 2  | 2  | 2  | 2      | 2  | 2  | 2  | 2  | 4  | 2      | 2  | 2  | 2  | 2  | 2  | 2      | 2  | 2  | 2  | 4  | 2  | 2      | 2  | 2  | 2  | 2  | 2  |
|               | C   | 2                      | 2 | 2 | 2 | 2 | 2 | 2      | 2 | 2 | 2  | 2  | 2  | 2      | 2  | 2  | 2  | 2  | 2  | 2      | 2  | 2  | 2  | 2  | 2  | 2      | 2  | 2  | 2  | 2  | 4  | 2      | 2  | 2  | 2  | 2  | 2  | 2      | 2  | 2  | 2  | 4  | 2  | 2      | 2  | 2  | 2  | 2  | 2  |
|               | B   | 2                      | 2 | 2 | 2 | 2 | 2 | 2      | 2 | 2 | 2  | 2  | 2  | 2      | 2  | 2  | 2  | 2  | 2  | 2      | 2  | 2  | 2  | 2  | 2  | 2      | 2  | 2  | 2  | 2  | 4  | 2      | 2  | 2  | 2  | 2  | 2  | 2      | 2  | 2  | 2  | 4  | 2  | 2      | 2  | 2  | 2  | 2  | 2  |
|               | A   | 2                      | 2 | 2 | 2 | 2 | 2 | 2      | 2 | 2 | 2  | 2  | 2  | 2      | 2  | 2  | 2  | 2  | 2  | 2      | 2  | 2  | 2  | 2  | 2  | 2      | 2  | 2  | 2  | 2  | 4  | 2      | 2  | 2  | 2  | 1  | 2  | 2      | 2  | 2  | 2  | 4  | 2  | 2      | 2  | 2  | 2  | 2  | 1  |

|                     |  |                                       |       |        |                  |                                                      |                |            |                |               |                        |           |       |               |               |
|---------------------|--|---------------------------------------|-------|--------|------------------|------------------------------------------------------|----------------|------------|----------------|---------------|------------------------|-----------|-------|---------------|---------------|
| spec ref            |  | *                                     |       | dr     | Terran Huang     | 2010/11/03                                           |                |            | MM             | size          | A4                     | scale     | 11:10 |               |               |
| tolerance std       |  | TOLERANCES UNLESS OTHERWISE SPECIFIED |       |        |                  | eng                                                  |                |            |                | Rahul Mohan-M | 2021/08/16             | ecn no    |       |               | ELX-I-41803-1 |
| ISO 406<br>ISO 1101 |  |                                       |       |        |                  | chr                                                  |                |            |                | -             | -                      | rel level |       |               | Released      |
|                     |  |                                       |       |        |                  | appr                                                 | Kuriakose, San | 2021/08/16 | product family |               |                        | METRAL    |       |               |               |
| surface 3.200       |  | linear                                | 0.X   | ±0.3   | Amphenol<br>FCI  | title METRAL SIGNAL HEADER<br>8 MOD, 4 ROW PRESS-FIT |                |            | dwg no         | 89076         |                        |           | rev   | V             |               |
| ISO 1302            |  |                                       | 0.XX  | ±0.13  |                  |                                                      |                |            |                |               |                        |           |       |               |               |
|                     |  |                                       | 0.XXX | ±0.050 |                  |                                                      |                |            |                |               |                        |           |       |               |               |
|                     |  | angular                               | 0°    | ±2°    | amphenol-icc.com |                                                      | cat. no.       |            | -              |               | Product - Customer Drw |           |       | sheet 8 of 11 |               |

| METRAL<br>P/N | ROW | CONTACT CODE<br>MOD. 1 |   |   |   |   | MOD. 2 |   |   |   |    | MOD. 3 |    |    |    |    | MOD. 4 |    |    |    |    | MOD. 5 |    |    |    |    | MOD. 6 |    |    |    |    | MOD. 7 |    |    |    |    | MOD. 8 |    |    |    |    |    |    |    |    |    |    |    |
|---------------|-----|------------------------|---|---|---|---|--------|---|---|---|----|--------|----|----|----|----|--------|----|----|----|----|--------|----|----|----|----|--------|----|----|----|----|--------|----|----|----|----|--------|----|----|----|----|----|----|----|----|----|----|----|
|               |     | 1                      | 2 | 3 | 4 | 5 | 6      | 7 | 8 | 9 | 10 | 11     | 12 | 13 | 14 | 15 | 16     | 17 | 18 | 19 | 20 | 21     | 22 | 23 | 24 | 25 | 26     | 27 | 28 | 29 | 30 | 31     | 32 | 33 | 34 | 35 | 36     | 37 | 38 | 39 | 40 | 41 | 42 | 43 | 44 | 45 | 46 | 47 |
| 89076-X41LF   | D   | 2                      | 2 | 2 | 4 | 2 | 2      | 2 | 2 | 4 | 2  | 2      | 2  | 2  | 2  | 2  | 2      | 2  | 2  | 2  | 2  | 2      | 2  | 2  | 2  | 2  | 2      | 2  | 2  | 2  | 2  | 2      | 2  | 2  | 2  | 2  | 2      | 2  | 2  | 2  | 2  | 2  | 2  | 3  | 3  | 2  | 4  | 4  |
|               | C   | 2                      | 2 | 2 | 2 | 2 | 2      | 2 | 2 | 4 | 2  | 2      | 2  | 2  | 2  | 2  | 2      | 2  | 2  | 2  | 2  | 2      | 2  | 2  | 2  | 2  | 2      | 2  | 2  | 2  | 2  | 2      | 2  | 2  | 2  | 2  | 2      | 2  | 2  | 2  | 2  | 2  | 2  | 3  | 3  | 2  | 4  | 4  |
|               | B   | 2                      | 2 | 2 | 2 | 2 | 2      | 2 | 2 | 4 | 2  | 2      | 2  | 2  | 2  | 2  | 2      | 2  | 2  | 2  | 2  | 2      | 2  | 2  | 2  | 2  | 2      | 2  | 2  | 2  | 2  | 2      | 2  | 2  | 2  | 2  | 2      | 2  | 2  | 2  | 2  | 2  | 2  | 3  | 3  | 2  | 4  | 4  |
|               | A   | 2                      | 2 | 2 | 2 | 2 | 2      | 2 | 2 | 4 | 2  | 2      | 2  | 2  | 2  | 2  | 2      | 2  | 2  | 2  | 2  | 2      | 2  | 2  | 2  | 2  | 2      | 2  | 2  | 2  | 2  | 2      | 2  | 2  | 2  | 2  | 2      | 2  | 2  | 2  | 2  | 2  | 2  | 3  | 3  | 2  | 4  | 4  |

| METRAL<br>P/N | ROW | CONTACT CODE<br>MOD. 1 |   |   |   |   | MOD. 2 |   |   |   |    | MOD. 3 |    |    |    |    | MOD. 4 |    |    |    |    | MOD. 5 |    |    |    |    | MOD. 6 |    |    |    |    | MOD. 7 |    |    |    |    | MOD. 8 |    |    |    |    |    |    |    |    |    |    |    |    |
|---------------|-----|------------------------|---|---|---|---|--------|---|---|---|----|--------|----|----|----|----|--------|----|----|----|----|--------|----|----|----|----|--------|----|----|----|----|--------|----|----|----|----|--------|----|----|----|----|----|----|----|----|----|----|----|----|
|               |     | 1                      | 2 | 3 | 4 | 5 | 6      | 7 | 8 | 9 | 10 | 11     | 12 | 13 | 14 | 15 | 16     | 17 | 18 | 19 | 20 | 21     | 22 | 23 | 24 | 25 | 26     | 27 | 28 | 29 | 30 | 31     | 32 | 33 | 34 | 35 | 36     | 37 | 38 | 39 | 40 | 41 | 42 | 43 | 44 | 45 | 46 | 47 | 48 |
| 89076-X42LF   | D   | 4                      | 2 | 2 | 2 | 4 | 2      | 2 | 2 | 1 | 2  | 2      | 2  | 2  | 2  | 2  | 2      | 2  | 2  | 2  | 2  | 2      | 2  | 2  | 2  | 2  | 2      | 2  | 2  | 2  | 2  | 2      | 2  | 2  | 2  | 2  | 2      | 2  | 2  | 2  | 2  | 2  | 2  | 3  | 3  | 2  | 4  | 4  |    |
|               | C   | 4                      | 2 | 2 | 2 | 2 | 2      | 2 | 2 | 4 | 2  | 2      | 2  | 2  | 2  | 2  | 2      | 2  | 2  | 2  | 2  | 2      | 2  | 2  | 2  | 2  | 2      | 2  | 2  | 2  | 2  | 2      | 2  | 2  | 2  | 2  | 2      | 2  | 2  | 2  | 2  | 2  | 2  | 2  | 3  | 3  | 2  | 4  | 4  |
|               | B   | 4                      | 2 | 2 | 2 | 2 | 2      | 2 | 2 | 2 | 2  | 2      | 2  | 2  | 2  | 2  | 2      | 2  | 2  | 2  | 2  | 2      | 2  | 2  | 2  | 2  | 2      | 2  | 2  | 2  | 2  | 2      | 2  | 2  | 2  | 2  | 2      | 2  | 2  | 2  | 2  | 2  | 2  | 2  | 3  | 3  | 2  | 4  | 4  |
|               | A   | 4                      | 2 | 2 | 2 | 2 | 2      | 2 | 2 | 2 | 2  | 2      | 2  | 2  | 2  | 2  | 2      | 2  | 2  | 2  | 2  | 2      | 2  | 2  | 2  | 2  | 2      | 2  | 2  | 2  | 2  | 2      | 2  | 2  | 2  | 2  | 2      | 2  | 2  | 2  | 2  | 2  | 2  | 2  | 3  | 3  | 2  | 4  | 4  |

| METRAL<br>P/N | ROW | CONTACT CODE<br>MOD. 1 |   |   |   |   | MOD. 2 |   |   |   |    |    | MOD. 3 |    |    |    |    |    | MOD. 4 |    |    |    |    |    | MOD. 5 |    |    |    |    |    | MOD. 6 |    |    |    |    |    | MOD. 7 |    |    |    |    |    | MOD. 8 |    |    |    |    |    |
|---------------|-----|------------------------|---|---|---|---|--------|---|---|---|----|----|--------|----|----|----|----|----|--------|----|----|----|----|----|--------|----|----|----|----|----|--------|----|----|----|----|----|--------|----|----|----|----|----|--------|----|----|----|----|----|
|               |     | 1                      | 2 | 3 | 4 | 5 | 6      | 7 | 8 | 9 | 10 | 11 | 12     | 13 | 14 | 15 | 16 | 17 | 18     | 19 | 20 | 21 | 22 | 23 | 24     | 25 | 26 | 27 | 28 | 29 | 30     | 31 | 32 | 33 | 34 | 35 | 36     | 37 | 38 | 39 | 40 | 41 | 42     | 43 | 44 | 45 | 46 | 47 |
| 89076-X43LF   | D   | 2                      | 2 | 2 | 2 | 2 | 2      | 2 | 2 | 2 | 2  | 2  | 2      | 2  | 2  | 2  | 2  | 2  | 2      | 2  | 2  | 2  | 2  | 2  | 2      | 2  | 2  | 2  | 2  | 2  | 2      | 2  | 2  | 2  | 2  | 2  | 2      | 2  | 1  | 2  | 2  | 2  | 4      | 2  | 2  | 2  | 2  | 2  |
|               | C   | 2                      | 2 | 2 | 2 | 2 | 2      | 2 | 2 | 2 | 2  | 2  | 2      | 2  | 2  | 2  | 2  | 2  | 2      | 2  | 2  | 2  | 2  | 2  | 2      | 2  | 2  | 2  | 2  | 2  | 2      | 2  | 2  | 2  | 2  | 2  | 2      | 2  | 2  | 2  | 2  | 4  | 2      | 2  | 2  | 2  | 2  | 2  |
|               | B   | 2                      | 2 | 2 | 2 | 2 | 2      | 2 | 2 | 2 | 2  | 2  | 2      | 2  | 2  | 2  | 2  | 2  | 2      | 2  | 2  | 2  | 2  | 2  | 2      | 2  | 2  | 2  | 2  | 2  | 2      | 2  | 2  | 2  | 2  | 2  | 4      | 2  | 2  | 2  | 4  | 2  | 1      | 2  | 2  | 2  | 2  | 2  |
|               | A   | 2                      | 2 | 2 | 2 | 2 | 2      | 2 | 2 | 2 | 2  | 2  | 2      | 2  | 2  | 2  | 2  | 2  | 2      | 2  | 2  | 2  | 2  | 2  | 2      | 2  | 2  | 2  | 2  | 2  | 2      | 2  | 2  | 2  | 2  | 2  | 2      | 2  | 1  | 1  | 2  | 2  | 4      | 2  | 2  | 2  | 2  | 2  |

| METRAL<br>P/N | ROW | CONTACT CODE<br>MOD. 1 |   |   |   |   | MOD. 2 |   |   |   |    |    | MOD. 3 |    |    |    |    |    | MOD. 4 |    |    |    |    |    | MOD. 5 |    |    |    |    |    | MOD. 6 |    |    |    |    |    | MOD. 7 |    |    |    |    |    | MOD. 8 |    |    |    |    |    |
|---------------|-----|------------------------|---|---|---|---|--------|---|---|---|----|----|--------|----|----|----|----|----|--------|----|----|----|----|----|--------|----|----|----|----|----|--------|----|----|----|----|----|--------|----|----|----|----|----|--------|----|----|----|----|----|
|               |     | 1                      | 2 | 3 | 4 | 5 | 6      | 7 | 8 | 9 | 10 | 11 | 12     | 13 | 14 | 15 | 16 | 17 | 18     | 19 | 20 | 21 | 22 | 23 | 24     | 25 | 26 | 27 | 28 | 29 | 30     | 31 | 32 | 33 | 34 | 35 | 36     | 37 | 38 | 39 | 40 | 41 | 42     | 43 | 44 | 45 | 46 | 47 |
| 89076-X44LF   | D   | 2                      | 2 | 2 | 2 | 2 | 2      | 2 | 2 | 2 | 2  | 2  | 2      | 2  | 2  | 2  | 2  | 2  | 2      | 2  | 2  | 2  | 2  | 2  | 2      | 2  | 2  | 2  | 2  | 2  | 2      | 2  | 2  | 2  | 2  | 2  | 2      | 2  | 1  | 2  | 2  | 2  | 4      | 2  | 2  | 2  | 2  | 2  |
|               | C   | 2                      | 2 | 2 | 2 | 2 | 2      | 2 | 2 | 2 | 2  | 2  | 2      | 2  | 2  | 2  | 2  | 2  | 2      | 2  | 2  | 2  | 2  | 2  | 2      | 2  | 2  | 2  | 2  | 2  | 2      | 2  | 2  | 2  | 2  | 2  | 2      | 2  | 2  | 2  | 2  | 4  | 2      | 2  | 2  | 2  | 2  | 2  |
|               | B   | 2                      | 2 | 2 | 2 | 2 | 2      | 2 | 2 | 2 | 2  | 2  | 2      | 2  | 2  | 2  | 2  | 2  | 2      | 2  | 2  | 2  | 2  | 2  | 2      | 2  | 2  | 2  | 2  | 2  | 2      | 2  | 2  | 2  | 2  | 2  | 4      | 2  | 2  | 2  | 4  | 2  | 1      | 2  | 2  | 2  | 2  | 2  |
|               | A   | 2                      | 2 | 2 | 2 | 2 | 2      | 2 | 2 | 2 | 2  | 2  | 2      | 2  | 2  | 2  | 2  | 2  | 2      | 2  | 2  | 2  | 2  | 2  | 2      | 2  | 2  | 2  | 2  | 2  | 2      | 2  | 2  | 2  | 2  | 2  | 2      | 1  | 1  | 2  | 2  | 4  | 2      | 2  | 2  | 2  | 2  |    |

| METRAL<br>P/N | ROW | CONTACT CODE<br>MOD. 1 |   |   |   |   | MOD. 2 |   |   |   |    | MOD. 3 |    |    |    |    | MOD. 4 |    |    |    |    | MOD. 5 |    |    |    |    | MOD. 6 |    |    |    |    | MOD. 7 |    |    |    |    | MOD. 8 |    |    |    |    |    |    |    |    |    |    |    |    |   |
|---------------|-----|------------------------|---|---|---|---|--------|---|---|---|----|--------|----|----|----|----|--------|----|----|----|----|--------|----|----|----|----|--------|----|----|----|----|--------|----|----|----|----|--------|----|----|----|----|----|----|----|----|----|----|----|----|---|
|               |     | 1                      | 2 | 3 | 4 | 5 | 6      | 7 | 8 | 9 | 10 | 11     | 12 | 13 | 14 | 15 | 16     | 17 | 18 | 19 | 20 | 21     | 22 | 23 | 24 | 25 | 26     | 27 | 28 | 29 | 30 | 31     | 32 | 33 | 34 | 35 | 36     | 37 | 38 | 39 | 40 | 41 | 42 | 43 | 44 | 45 | 46 | 47 | 48 |   |
| 89076-X45LF   | D   | 2                      | 2 | 2 | 2 | 2 | 2      | 2 | 2 | 2 | 2  | 2      | 2  | 2  | 2  | 2  | 2      | 2  | 2  | 2  | 2  | 2      | 2  | 2  | 2  | 2  | 2      | 2  | 2  | 2  | 2  | 2      | 2  | 2  | 2  | 2  | 2      | 2  | 2  | 2  | 2  | 2  | 2  | 2  | 2  | 2  | 2  | 2  | 2  |   |
|               | C   | 2                      | 2 | 2 | 2 | 2 | 2      | 2 | 2 | 2 | 2  | 2      | 2  | 2  | 2  | 2  | 2      | 2  | 2  | 2  | 2  | 2      | 2  | 2  | 2  | 2  | 2      | 2  | 2  | 2  | 2  | 2      | 2  | 2  | 2  | 2  | 2      | 2  | 2  | 2  | 2  | 2  | 2  | 2  | 2  | 2  | 2  | 2  | 2  | 2 |
|               | B   | 2                      | 2 | 2 | 2 | 2 | 2      | 2 | 2 | 2 | 2  | 2      | 2  | 2  | 2  | 2  | 2      | 2  | 2  | 2  | 2  | 2      | 2  | 2  | 2  | 2  | 2      | 2  | 2  | 2  | 2  | 2      | 2  | 2  | 2  | 2  | 2      | 2  | 2  | 2  | 2  | 2  | 2  | 2  | 2  | 2  | 2  | 2  | 2  | 2 |
|               | A   | 2                      | 2 | 2 | 2 | 2 | 2      | 2 | 2 | 2 | 2  | 2      | 2  | 2  | 2  | 2  | 2      | 2  | 2  | 2  | 2  | 2      | 2  | 2  | 2  | 2  | 2      | 2  | 2  | 2  | 2  | 2      | 2  | 2  | 2  | 2  | 2      | 2  | 2  | 2  | 2  | 2  | 2  | 2  | 2  | 2  | 2  | 2  | 2  | 2 |

|                                      |                                       |       |        |      |                                                                                     |                                                         |            |  |                                                                                       |                                                                                       |                        |               |  |        |       |               |           |
|--------------------------------------|---------------------------------------|-------|--------|------|-------------------------------------------------------------------------------------|---------------------------------------------------------|------------|--|---------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|------------------------|---------------|--|--------|-------|---------------|-----------|
| spec ref                             |                                       | *     |        | dr   | Terran Huang                                                                        |                                                         | 2010/11/03 |  |  |  | size                   | A4            |  | scale  | 11:10 |               |           |
| tolerance std<br>ISO 406<br>ISO 1101 | TOLERANCES UNLESS OTHERWISE SPECIFIED |       |        | eng  | Rahul Mohan-M                                                                       |                                                         | 2021/08/16 |  |                                                                                       |                                                                                       | ecn no                 | ELX-I-41803-1 |  |        |       |               |           |
|                                      |                                       |       |        | chr  | -                                                                                   |                                                         | -          |  |                                                                                       |                                                                                       |                        |               |  |        |       |               |           |
|                                      |                                       |       |        | appr | Kuriakose, San                                                                      |                                                         | 2021/08/16 |  |                                                                                       |                                                                                       | product family         |               |  | METRAL |       |               | rel level |
| surface 3.200<br>ISO 1302            | linear                                | 0.X   | ±0.3   |      |  | title<br>METRAL SIGNAL HEADER<br>8 MOD, 4 ROW PRESS-FIT |            |  |                                                                                       |                                                                                       | dwg no                 | 89076         |  |        |       |               | rev<br>V  |
|                                      |                                       | 0.XX  | ±0.13  |      |                                                                                     |                                                         |            |  |                                                                                       |                                                                                       |                        |               |  |        |       |               |           |
|                                      |                                       | 0.XXX | ±0.050 |      |                                                                                     |                                                         |            |  |                                                                                       |                                                                                       |                        |               |  |        |       |               |           |
|                                      | angular                               | 0°    | ±2°    |      | amphenol-icc.com                                                                    |                                                         | cat. no.   |  | -                                                                                     |                                                                                       | Product - Customer Drw |               |  |        |       | sheet 9 of 11 |           |

[illegible][illegible]

| METRAL<br>P/N | ROW | CONTACT CODE<br>MOD. 1 |   |   |   | MOD. 2 |   |   |   |   |    |    |    | MOD. 3 |    |    |    |    |    |    |    | MOD. 4 |    |    |    |    |    |    |    | MOD. 5 |    |    |    |    |    |    |    | MOD. 6 |    |    |    |    |    |    |    | MOD. 7 |    |    |   |   |   |   |   | MOD. 8 |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
|---------------|-----|------------------------|---|---|---|--------|---|---|---|---|----|----|----|--------|----|----|----|----|----|----|----|--------|----|----|----|----|----|----|----|--------|----|----|----|----|----|----|----|--------|----|----|----|----|----|----|----|--------|----|----|---|---|---|---|---|--------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
|               |     | 1                      | 2 | 3 | 4 | 5      | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13     | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21     | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29     | 30 | 31 | 32 | 33 | 34 | 35 | 36 | 37     | 38 | 39 | 40 | 41 | 42 | 43 | 44 | 45     | 46 | 47 |   |   |   |   |   |        |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
| 89076-X48LF   | D   | 3                      | 3 | 3 | 3 | 3      | 3 | 3 | 3 | 3 | 3  | 3  | 3  | 3      | 3  | 3  | 3  | 3  | 3  | 3  | 3  | 3      | 3  | 3  | 3  | 3  | 3  | 3  | 3  | 3      | 3  | 3  | 3  | 3  | 3  | 3  | 3  | 3      | 3  | 3  | 3  | 3  | 3  | 3  | 3  | 3      | 3  | 3  | 3 | 3 | 3 | 3 | 3 | 3      | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 |

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|                                          |                                       |       |        |                  |                                                         |            |                                   |                           |        |                |       |       |                |
|------------------------------------------|---------------------------------------|-------|--------|------------------|---------------------------------------------------------|------------|-----------------------------------|---------------------------|--------|----------------|-------|-------|----------------|
| spec ref                                 |                                       | *     |        | dr               | Terran Huang                                            | 2010/11/03 | <div>projection</div> <div></div> | <div>MM</div> <div></div> | size   | A4             | scale | 11:10 |                |
| tolerance std                            | TOLERANCES UNLESS OTHERWISE SPECIFIED |       |        | eng              | Rahul Mohan-M                                           | 2021/08/16 |                                   |                           | ecn no | ELX-I-41803-1  |       |       |                |
|                                          |                                       |       |        | chr              | -                                                       | -          |                                   |                           |        |                |       |       |                |
|                                          |                                       |       |        | appr             | Kuriakose, San                                          | 2021/08/16 |                                   |                           |        |                |       |       | product family |
| surface 3.200<br><div></div><br>ISO 1302 | linear                                | 0.X   | ±0.3   | Amphenol<br>FCI  | title<br>METRAL SIGNAL HEADER<br>8 MOD, 4 ROW PRESS-FIT |            |                                   | dwg no                    | 89076  |                |       | rev   | V              |
|                                          |                                       | 0.XX  | ±0.13  |                  |                                                         |            |                                   |                           |        |                |       |       |                |
|                                          |                                       | 0.XXX | ±0.050 |                  |                                                         |            |                                   |                           |        |                |       |       |                |
|                                          | angular                               | 0°    | ±2°    | amphenol-icc.com | cat. no.                                                | -          | Product - Customer Drw            |                           |        | sheet 10 of 11 |       |       |                |

## NOTES:

1. FOR DIM A AND B SEE SHEET 2 AND UP.
  2. BODY MATERIAL : THERMOPLASTIC UL94-V0. 
  3. PIN MATERIAL : COPPER ALLOY. 
  4. FOR PLATING PERFORMANCE LEVEL REFER DRAWING # 1059408. 
  5. PRODUCT MARKING : PART NUMBER DESIGNATION & BATCH I.D.
  6. ALL PRODUCTS WITH PART NUMBERS SHOWN IN SUBSEQUENT TABLES WILL BE PACKAGED IN TUBES.  
IF TRAY PACKAGING IS REQUIRED, A SUFFIX "P" WILL BE ADDED TO THE END OF THE PART NUMBER.  
EXAMPLE: XXXXX-XXXP OR XXXXX-XXXLP,
  7. PRODUCT SPECIFICATION GS-12-180  
APPLICATION SPECIFICATION BUS-20-073
  8. AFTER INSERTION INTO CIRCUIT BOARD WITH QUALIFIED TOOL.
  9. THE PRODUCTS WHERE THE PART NUMBER ENDS IN LF MEET THE EUROPEAN UNION DIRECTIVES AND OTHER COUNTRY REGULATIONS   
AS DESCRIBED IN GS-47-0004.
- ALL PRODUCTS WILL WITHSTAND EXPOSURE TO 260°C FOR 60 SECONDS IN A CONVECTION, INFRA-RED OR   
VAPOR PHASE REFLOW OVEN. THE Au CONTACT SURFACE OF THE CONTACTS SHALL BE EXPOSED TO A MAXIMUM 140°C FOR  
NO LONGER THAN 15 SECONDS IN A WAVE SOLDER APPLICATION.
10. SYMBOL WILL BE NEXT TO ANY DIMENSION, VIEW, OR NOTE WHICH HAS BEEN MODIFIED WITH THE CURRENT DRAWING REVISION.

|                                           |                 |                                       |             |                                                                                           |                |            |                                   |                           |           |                        |       |       |                |   |
|-------------------------------------------|-----------------|---------------------------------------|-------------|-------------------------------------------------------------------------------------------|----------------|------------|-----------------------------------|---------------------------|-----------|------------------------|-------|-------|----------------|---|
| spec ref                                  |                 | *                                     |             | dr                                                                                        | Terran Huang   | 2010/11/03 | <div>projection</div> <div></div> | <div>MM</div> <div></div> | size      | A4                     | scale | 11:10 |                |   |
| tolerance std                             |                 | TOLERANCES UNLESS OTHERWISE SPECIFIED |             | eng                                                                                       | Rahul Mohan-M  | 2021/08/16 |                                   |                           | ecn no    | ELX-I-41803-1          |       |       |                |   |
| ISO 406<br>ISO 1101                       |                 |                                       |             | chr                                                                                       | -              | -          |                                   |                           | rel level | Released               |       |       |                |   |
|                                           |                 |                                       |             | appr                                                                                      | Kuriakose, San | 2021/08/16 | product family                    |                           | METRAL    |                        |       |       |                |   |
| surface 3.200<br><div>✓</div><br>ISO 1302 |                 | linear                                | 0.X<br>±0.3 | <div>Amphenol FCI</div> <div>METRAL SIGNAL HEADER</div> <div>8 MOD, 4 ROW PRESS-FIT</div> |                |            |                                   | dwg no                    |           | 89076                  |       | rev   |                | V |
|                                           | 0.XX<br>±0.13   |                                       |             |                                                                                           |                |            |                                   |                           |           |                        |       |       |                |   |
|                                           | 0.XXX<br>±0.050 |                                       |             |                                                                                           |                |            |                                   |                           |           |                        |       |       |                |   |
|                                           | angular         | 0°<br>±2°                             |             | amphenol-icc.com                                                                          |                | cat. no.   |                                   | -                         |           | Product - Customer Drw |       |       | sheet 11 of 11 |   |