

A

B

C

D

A

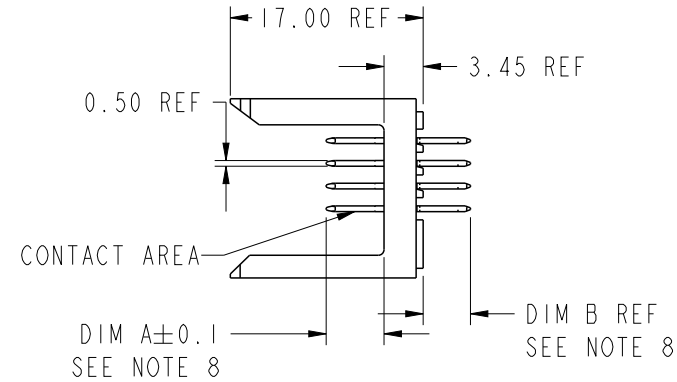
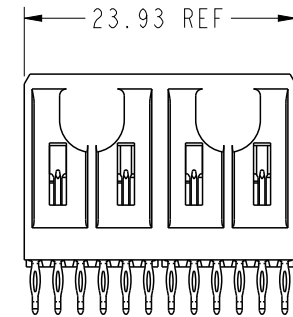
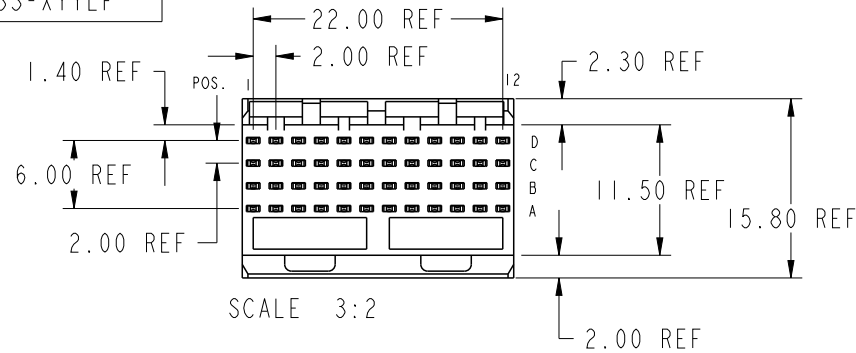
B

C

D

PRODUCT NUMBER

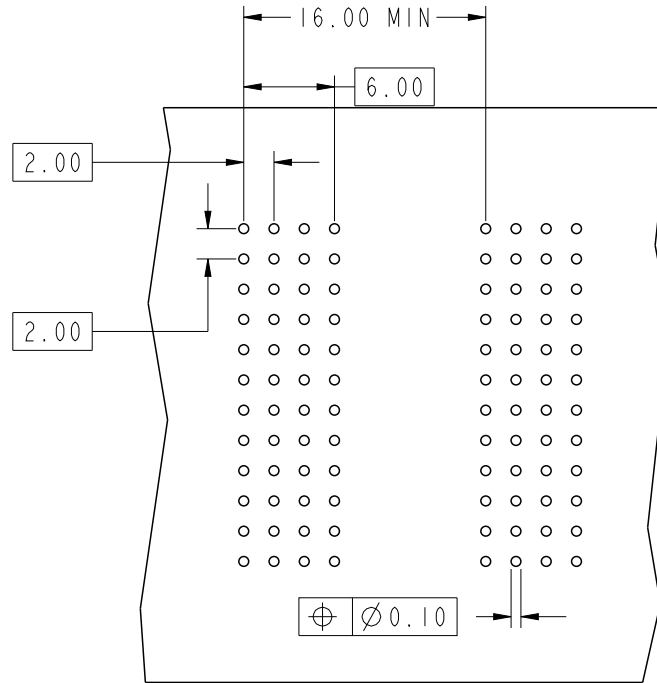
70233-XYLFF



## NOTES:

1. FOR DIM A AND B REFER SHEET-2.
2. BODY MATERIAL: LCP- UL 94-V0.
3. PIN MATERIAL: COPPER ALLOY.
4. FOR PLATING PERFORMANCE REFER DRAWING #10159408
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-XXXPLF
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.
10. ALL PRODUCTS WILL WITHSTAND EXPOSURE TO 260°C FOR 60 SECONDS IN A CONVECTION, INFRA-RED OR VAPOR PHASE REFLOW OVEN. 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.

|               |                                       |      |                |            |                |                        |                        |               |       |     |
|---------------|---------------------------------------|------|----------------|------------|----------------|------------------------|------------------------|---------------|-------|-----|
| spec ref      | *                                     | dr   | Terran Huang   | 2010/07/09 | projection     | MM                     | size                   | A4            | scale | 2:1 |
| tolerance std | TOLERANCES UNLESS OTHERWISE SPECIFIED | eng  | Narayanan, Aru | 2020/09/26 |                |                        | ecn no                 | ELX-I-38478-1 |       |     |
| ISO 406       |                                       | chr  | -              | -          |                |                        | rel level              | Released      |       |     |
| ISO 1101      |                                       | appr | Kuriakose, San | 2020/09/29 | product family | METRAL                 |                        |               |       |     |
| surface       | linear                                |      |                |            | title          | METRAL SIGNAL HEADER   | dwg no                 | 70233         | rev   | AL  |
|               |                                       |      |                |            |                | 2 MOD, 4 ROW PRESS-FIT |                        |               |       |     |
| ISO 1302      | angular                               |      |                |            | cat. no.       | *                      | Product - Customer Drw | sheet 1 of 9  |       |     |

REQUIRED PC BOARD LAYOUT  
COMPONENT SIDESEE 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            |
| 5    | 5.00            | 13.60           |
| 6    | 5.75            | 13.60           |
| 7    | 6.50            | 13.60           |
| 8    | 7.25            | 13.60           |
| 9    | 5.00            | 17.00           |
| 10   | 5.75            | 17.00           |
| 11   | 6.50            | 17.00           |
| 12   | 7.25            | 17.00           |
| 13   | 8.25            | 4.30            |
| 14   | 8.25            | 13.60           |
| 15   | 8.25            | 17.00           |
| 19   | 8.00            | 4.30            |
| 20   | 8.00            | 13.60           |
| 21   | 8.00            | 17.00           |

|                     |  |                                       |       |      |        |                |                 |                |                |                |            |                      |        |           |     |                        |               |       |          |              |  |     |  |    |  |
|---------------------|--|---------------------------------------|-------|------|--------|----------------|-----------------|----------------|----------------|----------------|------------|----------------------|--------|-----------|-----|------------------------|---------------|-------|----------|--------------|--|-----|--|----|--|
| spec ref            |  | *                                     |       | dr   |        | Terran Huang   | 2010/07/09      | projection<br> | MM<br>         | size           |            | A4                   | scale  |           | 2:1 |                        |               |       |          |              |  |     |  |    |  |
| tolerance std       |  | TOLERANCES UNLESS OTHERWISE SPECIFIED |       |      |        | eng            |                 |                |                | Narayanan, Aru | 2020/09/26 | ecn no               |        |           |     |                        | ELX-I-38478-1 |       |          |              |  |     |  |    |  |
| ISO 406<br>ISO 1101 |  |                                       |       |      |        | chr            |                 |                |                | -              |            | -                    |        | rel level |     |                        |               |       | Released |              |  |     |  |    |  |
|                     |  |                                       |       | appr |        | Kuriakose, San |                 | 2020/09/29     | product family |                |            |                      | METRAL |           |     |                        |               |       |          |              |  |     |  |    |  |
| surface             |  | linear                                | 0.X   |      | ±0.3   |                | Amphenol<br>FCi | title          |                |                |            | METRAL SIGNAL HEADER |        |           |     | dwg no                 |               | 70233 |          |              |  | rev |  | AL |  |
|                     |  |                                       | 0.XX  |      | ±0.13  |                |                 |                |                |                |            |                      |        |           |     |                        |               |       |          |              |  |     |  |    |  |
|                     |  |                                       | 0.XXX |      | ±0.051 |                |                 |                |                |                |            |                      |        |           |     |                        |               |       |          |              |  |     |  |    |  |
| ISO 1302            |  | angular                               | 0°    |      | ±2°    |                |                 | cat. no.       |                |                |            | -                    |        |           |     | Product - Customer Drw |               |       |          | sheet 2 of 9 |  |     |  |    |  |

| METRAL<br>P/N | ROW | CONTACT CODE<br>MOD. 1 |   |   |   |   | MOD. 2 |   |   |   |    |
|---------------|-----|------------------------|---|---|---|---|--------|---|---|---|----|
|               |     | 1                      | 2 | 3 | 4 | 5 | 6      | 7 | 8 | 9 | 10 |
| 70233-X10LF   | D   | 1                      | 1 | 1 | 1 | 1 | 1      | 1 | 1 | 1 | 1  |
|               | C   | 2                      | 2 | 2 | 2 | 2 | 2      | 2 | 2 | 2 | 2  |
|               | B   | 2                      | 2 | 2 | 2 | 2 | 2      | 2 | 2 | 2 | 2  |
|               | A   | 3                      | 3 | 3 | 3 | 3 | 3      | 3 | 3 | 3 | 3  |

| METRAL<br>P/N | ROW | CONTACT CODE<br>MOD. 1 |   |   |   |   | MOD. 2 |   |   |   |    |
|---------------|-----|------------------------|---|---|---|---|--------|---|---|---|----|
|               |     | 1                      | 2 | 3 | 4 | 5 | 6      | 7 | 8 | 9 | 10 |
| 70233-X11LF   | D   | 1                      | 1 | 1 | 1 | 1 | 1      | 1 | 1 | 1 | 1  |
|               | C   | 1                      | 1 | 1 | 1 | 1 | 1      | 1 | 1 | 1 | 1  |
|               | B   | 1                      | 1 | 1 | 1 | 1 | 1      | 1 | 1 | 1 | 1  |
|               | A   | 1                      | 1 | 1 | 1 | 1 | 1      | 1 | 1 | 1 | 1  |

| METRAL<br>P/N | ROW | CONTACT CODE<br>MOD. 1 |   |   |   |   | MOD. 2 |   |   |   |    |
|---------------|-----|------------------------|---|---|---|---|--------|---|---|---|----|
|               |     | 1                      | 2 | 3 | 4 | 5 | 6      | 7 | 8 | 9 | 10 |
| 70233-X12LF   | D   | 1                      | 1 | 1 | 1 | 1 | 1      | 1 | 1 | 1 | 1  |
|               | C   | 1                      | 1 | 1 | 1 | 1 | 1      | 1 | 1 | 1 | 1  |
|               | B   | 1                      | 1 | 1 | 1 | 1 | 1      | 1 | 1 | 1 | 1  |
|               | A   | 3                      | 3 | 3 | 3 | 3 | 3      | 3 | 3 | 3 | 3  |

| METRAL<br>P/N | ROW | CONTACT CODE<br>MOD. 1 |   |   |   |   | MOD. 2 |   |   |   |    |
|---------------|-----|------------------------|---|---|---|---|--------|---|---|---|----|
|               |     | 1                      | 2 | 3 | 4 | 5 | 6      | 7 | 8 | 9 | 10 |
| 70233-X13LF   | D   | 3                      | 3 | 3 | 3 | 3 | 3      | 3 | 3 | 3 | 3  |
|               | C   | 2                      | 2 | 2 | 2 | 2 | 2      | 2 | 2 | 2 | 2  |
|               | B   | 2                      | 2 | 2 | 2 | 2 | 2      | 2 | 2 | 2 | 2  |
|               | A   | 3                      | 3 | 3 | 3 | 3 | 3      | 3 | 3 | 3 | 3  |

| METRAL<br>P/N | ROW | CONTACT CODE<br>MOD. 1 |   |   |   |   | MOD. 2 |   |   |   |    |
|---------------|-----|------------------------|---|---|---|---|--------|---|---|---|----|
|               |     | 1                      | 2 | 3 | 4 | 5 | 6      | 7 | 8 | 9 | 10 |
| 70233-X14LF   | D   | 4                      | 4 | 4 | 4 | 4 | 4      | 4 | 4 | 4 | 4  |
|               | C   | 3                      | 3 | 3 | 3 | 3 | 3      | 3 | 3 | 3 | 3  |
|               | B   | 3                      | 3 | 3 | 3 | 3 | 3      | 3 | 3 | 3 | 3  |
|               | A   | 4                      | 4 | 4 | 4 | 4 | 4      | 4 | 4 | 4 | 4  |

| METRAL<br>P/N | ROW | CONTACT CODE<br>MOD. 1 |   |   |   |   | MOD. 2 |   |   |   |    |
|---------------|-----|------------------------|---|---|---|---|--------|---|---|---|----|
|               |     | 1                      | 2 | 3 | 4 | 5 | 6      | 7 | 8 | 9 | 10 |
| 70233-X15LF   | D   | 3                      | 3 | 3 | 3 | 3 | 3      | 3 | 3 | 3 | 3  |
|               | C   | 3                      | 3 | 3 | 3 | 3 | 3      | 3 | 3 | 3 | 3  |
|               | B   | 3                      | 3 | 3 | 3 | 3 | 3      | 3 | 3 | 3 | 3  |
|               | A   | 3                      | 3 | 3 | 3 | 3 | 3      | 3 | 3 | 3 | 3  |

| METRAL<br>P/N | ROW | CONTACT CODE<br>MOD. 1 |   |   |   |   | MOD. 2 |   |   |   |    |
|---------------|-----|------------------------|---|---|---|---|--------|---|---|---|----|
|               |     | 1                      | 2 | 3 | 4 | 5 | 6      | 7 | 8 | 9 | 10 |
| 70233-X16LF   | D   | 2                      | 2 | 2 | 2 | 2 | 2      | 2 | 2 | 2 | 2  |
|               | C   | 2                      | 2 | 2 | 2 | 2 | 2      | 2 | 2 | 2 | 2  |
|               | B   | 2                      | 2 | 2 | 2 | 2 | 2      | 2 | 2 | 2 | 2  |
|               | A   | 2                      | 2 | 2 | 2 | 2 | 2      | 2 | 2 | 2 | 2  |

| METRAL<br>P/N | ROW | CONTACT CODE<br>MOD. 1 |   |   |   |   | MOD. 2 |   |   |   |    |
|---------------|-----|------------------------|---|---|---|---|--------|---|---|---|----|
|               |     | 1                      | 2 | 3 | 4 | 5 | 6      | 7 | 8 | 9 | 10 |
| 70233-X17LF   | D   | 3                      | 3 | 3 | 3 | 3 | 3      | 3 | 3 | 3 | 3  |
|               | C   | 2                      | 2 | 2 | 2 | 2 | 2      | 2 | 2 | 2 | 2  |
|               | B   | 2                      | 2 | 2 | 2 | 2 | 2      | 2 | 2 | 2 | 2  |
|               | A   | 1                      | 1 | 1 | 1 | 1 | 1      | 1 | 1 | 1 | 1  |

| METRAL<br>P/N | ROW | CONTACT CODE<br>MOD. 1 |   |   |   |   | MOD. 2 |   |   |   |    |
|---------------|-----|------------------------|---|---|---|---|--------|---|---|---|----|
|               |     | 1                      | 2 | 3 | 4 | 5 | 6      | 7 | 8 | 9 | 10 |
| 70233-X18LF   | D   | 3                      | 3 | 3 | 3 | 3 | 3      | 3 | 3 | 3 | 3  |
|               | C   | 1                      | 1 | 1 | 1 | 1 | 1      | 1 | 1 | 1 | 1  |
|               | B   | 1                      | 1 | 1 | 1 | 1 | 1      | 1 | 1 | 1 | 1  |
|               | A   | 1                      | 1 | 1 | 1 | 1 | 1      | 1 | 1 | 1 | 1  |

| METRAL<br>P/N | ROW | CONTACT CODE<br>MOD. 1 |   |   |   |   | MOD. 2 |   |   |   |    |
|---------------|-----|------------------------|---|---|---|---|--------|---|---|---|----|
|               |     | 1                      | 2 | 3 | 4 | 5 | 6      | 7 | 8 | 9 | 10 |
| 70233-X19LF   | D   | 4                      | 4 | 4 | 4 | 4 | 4      | 4 | 4 | 4 | 4  |
|               | C   | 4                      | 4 | 4 | 4 | 4 | 4      | 4 | 4 | 4 | 4  |
|               | B   | 4                      | 4 | 4 | 4 | 4 | 4      | 4 | 4 | 4 | 4  |
|               | A   | 4                      | 4 | 4 | 4 | 4 | 4      | 4 | 4 | 4 | 4  |

| METRAL<br>P/N | ROW | CONTACT CODE<br>MOD. 1 |   |   |   |   | MOD. 2 |   |   |   |    |
|---------------|-----|------------------------|---|---|---|---|--------|---|---|---|----|
|               |     | 1                      | 2 | 3 | 4 | 5 | 6      | 7 | 8 | 9 | 10 |
| 70233-X20LF   | D   | 5                      | 5 | 5 | 5 | 5 | 5      | 5 | 5 | 5 | 5  |
|               | C   | 6                      | 6 | 6 | 6 | 6 | 6      | 6 | 6 | 6 | 6  |
|               | B   | 6                      | 6 | 6 | 6 | 6 | 6      | 6 | 6 | 6 | 6  |
|               | A   | 7                      | 7 | 7 | 7 | 7 | 7      | 7 | 7 | 7 | 7  |

| METRAL<br>P/N | ROW | CONTACT CODE<br>MOD. 1 |   |   |   |   | MOD. 2 |   |   |   |    |
|---------------|-----|------------------------|---|---|---|---|--------|---|---|---|----|
|               |     | 1                      | 2 | 3 | 4 | 5 | 6      | 7 | 8 | 9 | 10 |
| 70233-X21LF   | D   | 5                      | 5 | 5 | 5 | 5 | 5      | 5 | 5 | 5 | 5  |
|               | C   | 5                      | 5 | 5 | 5 | 5 | 5      | 5 | 5 | 5 | 5  |
|               | B   | 5                      | 5 | 5 | 5 | 5 | 5      | 5 | 5 | 5 | 5  |
|               | A   | 5                      | 5 | 5 | 5 | 5 | 5      | 5 | 5 | 5 | 5  |

| METRAL<br>P/N | ROW | CONTACT CODE<br>MOD. 1 |   |   |   |   | MOD. 2 |   |   |   |    |
|---------------|-----|------------------------|---|---|---|---|--------|---|---|---|----|
|               |     | 1                      | 2 | 3 | 4 | 5 | 6      | 7 | 8 | 9 | 10 |
| 70233-X22LF   | D   | 5                      | 5 | 5 | 5 | 5 | 5      | 5 | 5 | 5 | 5  |
|               | C   | 5                      | 5 | 5 | 5 | 5 | 5      | 5 | 5 | 5 | 5  |
|               | B   | 5                      | 5 | 5 | 5 | 5 | 5      | 5 | 5 | 5 | 5  |
|               | A   | 7                      | 7 | 7 | 7 | 7 | 7      | 7 | 7 | 7 | 7  |

| METRAL<br>P/N | ROW | CONTACT CODE<br>MOD. 1 |   |   |   |   | MOD. 2 |   |   |   |    |
|---------------|-----|------------------------|---|---|---|---|--------|---|---|---|----|
|               |     | 1                      | 2 | 3 | 4 | 5 | 6      | 7 | 8 | 9 | 10 |
| 70233-X23LF   | D   | 7                      | 7 | 7 | 7 | 7 | 7      | 7 | 7 | 7 | 7  |
|               | C   | 6                      | 6 | 6 | 6 | 6 | 6      | 6 | 6 | 6 | 6  |
|               | B   | 6                      | 6 | 6 | 6 | 6 | 6      | 6 | 6 | 6 | 6  |
|               | A   | 7                      | 7 | 7 | 7 | 7 | 7      | 7 | 7 | 7 | 7  |

| METRAL<br>P/N | ROW | CONTACT CODE<br>MOD. 1 |   |   |   |   | MOD. 2 |   |   |   |    |
|---------------|-----|------------------------|---|---|---|---|--------|---|---|---|----|
|               |     | 1                      | 2 | 3 | 4 | 5 | 6      | 7 | 8 | 9 | 10 |
| 70233-X24LF   | D   | 8                      | 8 | 8 | 8 | 8 | 8      | 8 | 8 | 8 | 8  |
|               | C   | 7                      | 7 | 7 | 7 | 7 | 7      | 7 | 7 | 7 | 7  |
|               | B   | 7                      | 7 | 7 | 7 | 7 | 7      | 7 | 7 | 7 | 7  |
|               | A   | 8                      | 8 | 8 | 8 | 8 | 8      | 8 | 8 | 8 | 8  |

|                     |  |                                       |       |    |        |              |                 |                |            |                |  |                      |            |                        |       |               |     |              |  |     |  |    |
|---------------------|--|---------------------------------------|-------|----|--------|--------------|-----------------|----------------|------------|----------------|--|----------------------|------------|------------------------|-------|---------------|-----|--------------|--|-----|--|----|
| spec ref            |  | *                                     |       | dr |        | Terran Huang | 2010/07/09      | projection     |            | MM             |  | size                 |            | A4                     | scale |               | 1:1 |              |  |     |  |    |
| tolerance std       |  | TOLERANCES UNLESS OTHERWISE SPECIFIED |       |    |        | eng          |                 |                |            |                |  | Narayanan, Aru       | 2020/09/26 | ecn no                 |       | ELX-I-38478-1 |     |              |  |     |  |    |
| ISO 406<br>ISO 1101 |  |                                       |       |    |        | chr          |                 |                |            |                |  | -                    |            |                        |       |               |     |              |  |     |  |    |
|                     |  |                                       |       |    |        | appr         |                 | Kuriakose, San | 2020/09/29 | product family |  |                      |            | METRAL                 |       | rel level     |     | Released     |  |     |  |    |
| surface             |  | linear                                | 0.X   |    | ±0.3   |              | Amphenol<br>FCi | title          |            |                |  | METRAL SIGNAL HEADER |            |                        |       | dwg no        |     | 70233        |  | rev |  | AL |
|                     |  |                                       | 0.XX  |    | ±0.13  |              |                 |                |            |                |  |                      |            |                        |       |               |     |              |  |     |  |    |
|                     |  |                                       | 0.XXX |    | ±0.051 |              |                 |                |            |                |  |                      |            |                        |       |               |     |              |  |     |  |    |
| ISO 1302            |  | angular                               | 0°    |    | ±2°    |              |                 | cat. no.       |            | -              |  |                      |            | Product - Customer Drw |       |               |     | sheet 3 of 9 |  |     |  |    |

| METRAL<br>P/N | ROW | CONTACT CODE<br>MOD. 1 |   |   |   |   |   | MOD. 2 |   |   |    |    |    |
|---------------|-----|------------------------|---|---|---|---|---|--------|---|---|----|----|----|
|               |     | 1                      | 2 | 3 | 4 | 5 | 6 | 7      | 8 | 9 | 10 | 11 | 12 |
| 70233-X25LF   | D   | 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  |
|               | B   | 7                      | 7 | 7 | 7 | 7 | 7 | 7      | 7 | 7 | 7  | 7  | 7  |
|               | A   | 7                      | 7 | 7 | 7 | 7 | 7 | 7      | 7 | 7 | 7  | 7  | 7  |

| METRAL<br>P/N | ROW | CONTACT CODE<br>MOD. 1 |   |   |   |   |   | MOD. 2 |   |   |    |    |    |
|---------------|-----|------------------------|---|---|---|---|---|--------|---|---|----|----|----|
|               |     | 1                      | 2 | 3 | 4 | 5 | 6 | 7      | 8 | 9 | 10 | 11 | 12 |
| 70233-X26LF   | D   | 6                      | 6 | 6 | 6 | 6 | 6 | 6      | 6 | 6 | 6  | 6  | 6  |
|               | C   | 6                      | 6 | 6 | 6 | 6 | 6 | 6      | 6 | 6 | 6  | 6  | 6  |
|               | B   | 6                      | 6 | 6 | 6 | 6 | 6 | 6      | 6 | 6 | 6  | 6  | 6  |
|               | A   | 6                      | 6 | 6 | 6 | 6 | 6 | 6      | 6 | 6 | 6  | 6  | 6  |

| METRAL<br>P/N | ROW | CONTACT CODE<br>MOD. 1 |   |   |   |   |   | MOD. 2 |   |   |    |    |    |
|---------------|-----|------------------------|---|---|---|---|---|--------|---|---|----|----|----|
|               |     | 1                      | 2 | 3 | 4 | 5 | 6 | 7      | 8 | 9 | 10 | 11 | 12 |
| 70233-X27LF   | D   | 7                      | 7 | 7 | 7 | 7 | 7 | 7      | 7 | 7 | 7  | 7  | 7  |
|               | C   | 6                      | 6 | 6 | 6 | 6 | 6 | 6      | 6 | 6 | 6  | 6  | 6  |
|               | B   | 6                      | 6 | 6 | 6 | 6 | 6 | 6      | 6 | 6 | 6  | 6  | 6  |
|               | A   | 5                      | 5 | 5 | 5 | 5 | 5 | 5      | 5 | 5 | 5  | 5  | 5  |

| METRAL<br>P/N | ROW | CONTACT CODE<br>MOD. 1 |   |   |   |   |   | MOD. 2 |   |   |    |    |    |
|---------------|-----|------------------------|---|---|---|---|---|--------|---|---|----|----|----|
|               |     | 1                      | 2 | 3 | 4 | 5 | 6 | 7      | 8 | 9 | 10 | 11 | 12 |
| 70233-X28LF   | D   | 7                      | 7 | 7 | 7 | 7 | 7 | 7      | 7 | 7 | 7  | 7  | 7  |
|               | C   | 5                      | 5 | 5 | 5 | 5 | 5 | 5      | 5 | 5 | 5  | 5  | 5  |
|               | B   | 5                      | 5 | 5 | 5 | 5 | 5 | 5      | 5 | 5 | 5  | 5  | 5  |
|               | A   | 5                      | 5 | 5 | 5 | 5 | 5 | 5      | 5 | 5 | 5  | 5  | 5  |

| METRAL<br>P/N | ROW | CONTACT CODE<br>MOD. 1 |   |   |   |   |   | MOD. 2 |   |   |    |    |    |
|---------------|-----|------------------------|---|---|---|---|---|--------|---|---|----|----|----|
|               |     | 1                      | 2 | 3 | 4 | 5 | 6 | 7      | 8 | 9 | 10 | 11 | 12 |
| 70233-X29LF   | D   | 8                      | 8 | 8 | 8 | 8 | 8 | 8      | 8 | 8 | 8  | 8  | 8  |
|               | C   | 8                      | 8 | 8 | 8 | 8 | 8 | 8      | 8 | 8 | 8  | 8  | 8  |
|               | B   | 8                      | 8 | 8 | 8 | 8 | 8 | 8      | 8 | 8 | 8  | 8  | 8  |
|               | A   | 8                      | 8 | 8 | 8 | 8 | 8 | 8      | 8 | 8 | 8  | 8  | 8  |

| METRAL<br>P/N | ROW | CONTACT CODE<br>MOD. 1 |    |    |    |    |    | MOD. 2 |    |    |    |    |    |
|---------------|-----|------------------------|----|----|----|----|----|--------|----|----|----|----|----|
|               |     | 1                      | 2  | 3  | 4  | 5  | 6  | 7      | 8  | 9  | 10 | 11 | 12 |
| 70233-X30LF   | D   | 9                      | 9  | 9  | 9  | 9  | 9  | 9      | 9  | 9  | 9  | 9  | 9  |
|               | C   | 10                     | 10 | 10 | 10 | 10 | 10 | 10     | 10 | 10 | 10 | 10 | 10 |
|               | B   | 10                     | 10 | 10 | 10 | 10 | 10 | 10     | 10 | 10 | 10 | 10 | 10 |
|               | A   | 11                     | 11 | 11 | 11 | 11 | 11 | 11     | 11 | 11 | 11 | 11 | 11 |

| METRAL<br>P/N | ROW | CONTACT CODE<br>MOD. 1 |   |   |   |   |   | MOD. 2 |   |   |    |    |    |
|---------------|-----|------------------------|---|---|---|---|---|--------|---|---|----|----|----|
|               |     | 1                      | 2 | 3 | 4 | 5 | 6 | 7      | 8 | 9 | 10 | 11 | 12 |
| 70233-X31LF   | D   | 9                      | 9 | 9 | 9 | 9 | 9 | 9      | 9 | 9 | 9  | 9  | 9  |
|               | C   | 9                      | 9 | 9 | 9 | 9 | 9 | 9      | 9 | 9 | 9  | 9  | 9  |
|               | B   | 9                      | 9 | 9 | 9 | 9 | 9 | 9      | 9 | 9 | 9  | 9  | 9  |
|               | A   | 9                      | 9 | 9 | 9 | 9 | 9 | 9      | 9 | 9 | 9  | 9  | 9  |

| METRAL<br>P/N | ROW | CONTACT CODE<br>MOD. 1 |    |    |    |    |    | MOD. 2 |    |    |    |    |    |
|---------------|-----|------------------------|----|----|----|----|----|--------|----|----|----|----|----|
|               |     | 1                      | 2  | 3  | 4  | 5  | 6  | 7      | 8  | 9  | 10 | 11 | 12 |
| 70233-X32LF   | D   | 9                      | 9  | 9  | 9  | 9  | 9  | 9      | 9  | 9  | 9  | 9  | 9  |
|               | C   | 9                      | 9  | 9  | 9  | 9  | 9  | 9      | 9  | 9  | 9  | 9  | 9  |
|               | B   | 9                      | 9  | 9  | 9  | 9  | 9  | 9      | 9  | 9  | 9  | 9  | 9  |
|               | A   | 11                     | 11 | 11 | 11 | 11 | 11 | 11     | 11 | 11 | 11 | 11 | 11 |

| METRAL<br>P/N | ROW | CONTACT CODE<br>MOD. 1 |    |    |    |    |    | MOD. 2 |    |    |    |    |    |
|---------------|-----|------------------------|----|----|----|----|----|--------|----|----|----|----|----|
|               |     | 1                      | 2  | 3  | 4  | 5  | 6  | 7      | 8  | 9  | 10 | 11 | 12 |
| 70233-X33LF   | D   | 11                     | 11 | 11 | 11 | 11 | 11 | 11     | 11 | 11 | 11 | 11 | 11 |
|               | C   | 10                     | 10 | 10 | 10 | 10 | 10 | 10     | 10 | 10 | 10 | 10 | 10 |
|               | B   | 10                     | 10 | 10 | 10 | 10 | 10 | 10     | 10 | 10 | 10 | 10 | 10 |
|               | A   | 11                     | 11 | 11 | 11 | 11 | 11 | 11     | 11 | 11 | 11 | 11 | 11 |

| METRAL<br>P/N | ROW | CONTACT CODE<br>MOD. 1 |    |    |    |    |    | MOD. 2 |    |    |    |    |    |
|---------------|-----|------------------------|----|----|----|----|----|--------|----|----|----|----|----|
|               |     | 1                      | 2  | 3  | 4  | 5  | 6  | 7      | 8  | 9  | 10 | 11 | 12 |
| 70233-X34LF   | D   | 12                     | 12 | 12 | 12 | 12 | 12 | 12     | 12 | 12 | 12 | 12 | 12 |
|               | C   | 11                     | 11 | 11 | 11 | 11 | 11 | 11     | 11 | 11 | 11 | 11 | 11 |
|               | B   | 11                     | 11 | 11 | 11 | 11 | 11 | 11     | 11 | 11 | 11 | 11 | 11 |
|               | A   | 12                     | 12 | 12 | 12 | 12 | 12 | 12     | 12 | 12 | 12 | 12 | 12 |

| METRAL<br>P/N | ROW | CONTACT CODE<br>MOD. 1 |    |    |    |    |    | MOD. 2 |    |    |    |    |    |
|---------------|-----|------------------------|----|----|----|----|----|--------|----|----|----|----|----|
|               |     | 1                      | 2  | 3  | 4  | 5  | 6  | 7      | 8  | 9  | 10 | 11 | 12 |
| 70233-X35LF   | D   | 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 |
|               | B   | 11                     | 11 | 11 | 11 | 11 | 11 | 11     | 11 | 11 | 11 | 11 | 11 |
|               | A   | 11                     | 11 | 11 | 11 | 11 | 11 | 11     | 11 | 11 | 11 | 11 | 11 |

| METRAL<br>P/N | ROW | CONTACT CODE<br>MOD. 1 |    |    |    |    |    | MOD. 2 |    |    |    |    |    |
|---------------|-----|------------------------|----|----|----|----|----|--------|----|----|----|----|----|
|               |     | 1                      | 2  | 3  | 4  | 5  | 6  | 7      | 8  | 9  | 10 | 11 | 12 |
| 70233-X36LF   | D   | 10                     | 10 | 10 | 10 | 10 | 10 | 10     | 10 | 10 | 10 | 10 | 10 |
|               | C   | 10                     | 10 | 10 | 10 | 10 | 10 | 10     | 10 | 10 | 10 | 10 | 10 |
|               | B   | 10                     | 10 | 10 | 10 | 10 | 10 | 10     | 10 | 10 | 10 | 10 | 10 |
|               | A   | 10                     | 10 | 10 | 10 | 10 | 10 | 10     | 10 | 10 | 10 | 10 | 10 |

| METRAL<br>P/N | ROW | CONTACT CODE<br>MOD. 1 |    |    |    |    |    | MOD. 2 |    |    |    |    |    |
|---------------|-----|------------------------|----|----|----|----|----|--------|----|----|----|----|----|
|               |     | 1                      | 2  | 3  | 4  | 5  | 6  | 7      | 8  | 9  | 10 | 11 | 12 |
| 70233-X37LF   | D   | 11                     | 11 | 11 | 11 | 11 | 11 | 11     | 11 | 11 | 11 | 11 | 11 |
|               | C   | 10                     | 10 | 10 | 10 | 10 | 10 | 10     | 10 | 10 | 10 | 10 | 10 |
|               | B   | 10                     | 10 | 10 | 10 | 10 | 10 | 10     | 10 | 10 | 10 | 10 | 10 |
|               | A   | 9                      | 9  | 9  | 9  | 9  | 9  | 9      | 9  | 9  | 9  | 9  | 9  |

| METRAL<br>P/N | ROW | CONTACT CODE<br>MOD. 1 |    |    |    |    |    | MOD. 2 |    |    |    |    |    |
|---------------|-----|------------------------|----|----|----|----|----|--------|----|----|----|----|----|
|               |     | 1                      | 2  | 3  | 4  | 5  | 6  | 7      | 8  | 9  | 10 | 11 | 12 |
| 70233-X38LF   | D   | 11                     | 11 | 11 | 11 | 11 | 11 | 11     | 11 | 11 | 11 | 11 | 11 |
|               | C   | 9                      | 9  | 9  | 9  | 9  | 9  | 9      | 9  | 9  | 9  | 9  | 9  |
|               | B   | 9                      | 9  | 9  | 9  | 9  | 9  | 9      | 9  | 9  | 9  | 9  | 9  |
|               | A   | 9                      | 9  | 9  | 9  | 9  | 9  | 9      | 9  | 9  | 9  | 9  | 9  |

| METRAL<br>P/N | ROW | CONTACT CODE<br>MOD. 1 |    |    |    |    |    | MOD. 2 |    |    |    |    |    |
|---------------|-----|------------------------|----|----|----|----|----|--------|----|----|----|----|----|
|               |     | 1                      | 2  | 3  | 4  | 5  | 6  | 7      | 8  | 9  | 10 | 11 | 12 |
| 70233-X39LF   | D   | 12                     | 12 | 12 | 12 | 12 | 12 | 12     | 12 | 12 | 12 | 12 | 12 |
|               | C   | 12                     | 12 | 12 | 12 | 12 | 12 | 12     | 12 | 12 | 12 | 12 | 12 |
|               | B   | 12                     | 12 | 12 | 12 | 12 | 12 | 12     | 12 | 12 | 12 | 12 | 12 |
|               | A   | 12                     | 12 | 12 | 12 | 12 | 12 | 12     | 12 | 12 | 12 | 12 | 12 |

|               |  |                                       |  |            |  |                |  |                |  |            |  |        |  |      |  |                      |  |               |  |          |  |        |  |       |  |  |  |  |  |     |  |    |  |
|---------------|--|---------------------------------------|--|------------|--|----------------|--|----------------|--|------------|--|--------|--|------|--|----------------------|--|---------------|--|----------|--|--------|--|-------|--|--|--|--|--|-----|--|----|--|
| spec ref      |  | *                                     |  | dr         |  | Terran Huang   |  | 2010/07/09     |  | projection |  | MM     |  | size |  | A4                   |  | scale         |  | 1:1      |  |        |  |       |  |  |  |  |  |     |  |    |  |
| tolerance std |  | TOLERANCES UNLESS OTHERWISE SPECIFIED |  |            |  | eng            |  | Narayanan, Aru |  | 2020/09/26 |  |        |  |      |  | ecn no               |  | ELX-I-38478-1 |  |          |  |        |  |       |  |  |  |  |  |     |  |    |  |
| ISO 406       |  |                                       |  |            |  |                |  |                |  |            |  |        |  |      |  |                      |  |               |  |          |  |        |  |       |  |  |  |  |  |     |  |    |  |
| ISO 1101      |  |                                       |  |            |  |                |  |                |  |            |  |        |  |      |  |                      |  |               |  |          |  |        |  |       |  |  |  |  |  |     |  |    |  |
| chr           |  |                                       |  |            |  | -              |  | -              |  |            |  |        |  |      |  |                      |  |               |  |          |  |        |  |       |  |  |  |  |  |     |  |    |  |
| appr          |  | Kuriakose, San                        |  | 2020/09/29 |  | product family |  |                |  |            |  | METRAL |  |      |  |                      |  | rel level     |  | Released |  |        |  |       |  |  |  |  |  |     |  |    |  |
| surface       |  | linear                                |  | 0.X        |  | ±0.3           |  | Amphenol FCI   |  | title      |  |        |  |      |  | METRAL SIGNAL HEADER |  |               |  |          |  | dwg no |  | 70233 |  |  |  |  |  | rev |  | AL |  |
|               |  |                                       |  | 0.XX       |  | ±0.13          |  |                |  |            |  |        |  |      |  |                      |  |               |  |          |  |        |  |       |  |  |  |  |  |     |  |    |  |
|               |  |                                       |  | 0.XXX      |  | ±0.051         |  |                |  |            |  |        |  |      |  |                      |  |               |  |          |  |        |  |       |  |  |  |  |  |     |  |    |  |
|               |  | ISO 1302                              |  | angular    |  | 0°             |  |                |  |            |  |        |  |      |  |                      |  |               |  |          |  |        |  |       |  |  |  |  |  |     |  |    |  |

| METRAL<br>P/N | ROW | CONTACT CODE<br>MOD. 1 |   |   |   |   | MOD. 2 |   |   |   |    |
|---------------|-----|------------------------|---|---|---|---|--------|---|---|---|----|
|               |     | 1                      | 2 | 3 | 4 | 5 | 6      | 7 | 8 | 9 | 10 |
| 70233-X40LF   | D   | 2                      | 2 | 2 | 2 | 2 | 2      | 2 | 2 | 2 | 2  |
|               | C   | 2                      | 2 | 2 | 2 | 2 | 2      | 2 | 2 | 2 | 2  |
|               | B   | 4                      | 4 | 4 | 4 | 4 | 4      | 4 | 4 | 4 | 4  |
|               | A   | 2                      | 2 | 2 | 2 | 2 | 2      | 2 | 2 | 2 | 2  |

| METRAL<br>P/N | ROW | CONTACT CODE<br>MOD. 1 |   |   |   |   | MOD. 2 |   |   |   |    |
|---------------|-----|------------------------|---|---|---|---|--------|---|---|---|----|
|               |     | 1                      | 2 | 3 | 4 | 5 | 6      | 7 | 8 | 9 | 10 |
| 70233-X41LF   | D   | 2                      | 2 | 2 | 2 | 2 | 2      | 2 | 2 | 2 | 2  |
|               | C   | 2                      | 2 | 2 | 2 | 2 | 2      | 2 | 2 | 2 | 2  |
|               | B   | 2                      | 2 | 2 | 2 | 2 | 2      | 2 | 2 | 2 | 2  |
|               | A   | 4                      | 4 | 4 | 4 | 4 | 4      | 4 | 4 | 4 | 4  |

| METRAL<br>P/N | ROW | CONTACT CODE<br>MOD. 1 |   |   |   |   | MOD. 2 |   |   |   |    |
|---------------|-----|------------------------|---|---|---|---|--------|---|---|---|----|
|               |     | 1                      | 2 | 3 | 4 | 5 | 6      | 7 | 8 | 9 | 10 |
| 70233-X42LF   | D   | 1                      | 1 | 1 | 1 | 1 | 1      | 1 | 1 | 1 | 1  |
|               | C   | 1                      | 1 | 1 | 1 | 1 | 1      | 1 | 1 | 1 | 1  |
|               | B   | 1                      | 1 | 1 | 1 | 1 | 1      | 1 | 1 | 1 | 1  |
|               | A   | 2                      | 2 | 2 | 2 | 2 | 2      | 2 | 2 | 2 | 2  |

| METRAL<br>P/N | ROW | CONTACT CODE<br>MOD. 1 |    |    |    |    | MOD. 2 |    |    |    |    |
|---------------|-----|------------------------|----|----|----|----|--------|----|----|----|----|
|               |     | 1                      | 2  | 3  | 4  | 5  | 6      | 7  | 8  | 9  | 10 |
| 70233-X43LF   | D   | 13                     | 13 | 13 | 13 | 13 | 13     | 13 | 13 | 13 | 13 |
|               | C   | 3                      | 3  | 3  | 3  | 3  | 3      | 3  | 3  | 3  | 3  |
|               | B   | 3                      | 3  | 3  | 3  | 3  | 3      | 3  | 3  | 3  | 3  |
|               | A   | 3                      | 3  | 3  | 3  | 3  | 3      | 3  | 3  | 3  | 3  |

| METRAL<br>P/N | ROW | CONTACT CODE<br>MOD. 1 |   |   |   |   | MOD. 2 |   |   |   |    |
|---------------|-----|------------------------|---|---|---|---|--------|---|---|---|----|
|               |     | 1                      | 2 | 3 | 4 | 5 | 6      | 7 | 8 | 9 | 10 |
| 70233-X44LF   | D   | 2                      | 2 | 2 | 2 | 2 | 2      | 2 | 2 | 2 | 2  |
|               | C   | 3                      | 3 | 3 | 3 | 3 | 3      | 3 | 3 | 3 | 3  |
|               | B   | 4                      | 4 | 4 | 4 | 4 | 4      | 4 | 4 | 4 | 4  |
|               | A   | 3                      | 3 | 3 | 3 | 3 | 3      | 3 | 3 | 3 | 3  |

| METRAL<br>P/N | ROW | CONTACT CODE<br>MOD. 1 |   |   |   |   | MOD. 2 |   |   |   |    |
|---------------|-----|------------------------|---|---|---|---|--------|---|---|---|----|
|               |     | 1                      | 2 | 3 | 4 | 5 | 6      | 7 | 8 | 9 | 10 |
| 70233-X45LF   | D   | 1                      | 1 | 1 | 1 | 1 | 1      | 1 | 1 | 1 | 1  |
|               | C   | 2                      | 2 | 2 | 2 | 2 | 2      | 2 | 2 | 2 | 2  |
|               | B   | 3                      | 3 | 3 | 3 | 3 | 3      | 3 | 3 | 3 | 3  |
|               | A   | 4                      | 4 | 4 | 4 | 4 | 4      | 4 | 4 | 4 | 4  |

| METRAL<br>P/N | ROW | CONTACT CODE<br>MOD. 1 |    |    |    |    | MOD. 2 |    |    |    |    |
|---------------|-----|------------------------|----|----|----|----|--------|----|----|----|----|
|               |     | 1                      | 2  | 3  | 4  | 5  | 6      | 7  | 8  | 9  | 10 |
| 70233-X46LF   | D   | 19                     | 19 | 19 | 19 | 19 | 19     | 19 | 19 | 19 | 19 |
|               | C   | 3                      | 3  | 3  | 3  | 3  | 3      | 3  | 3  | 3  | 3  |
|               | B   | 3                      | 3  | 3  | 3  | 3  | 3      | 3  | 3  | 3  | 3  |
|               | A   | 3                      | 3  | 3  | 3  | 3  | 3      | 3  | 3  | 3  | 3  |

| METRAL<br>P/N | ROW | CONTACT CODE<br>MOD. 1 |    |    |    |    | MOD. 2 |    |    |    |    |
|---------------|-----|------------------------|----|----|----|----|--------|----|----|----|----|
|               |     | 1                      | 2  | 3  | 4  | 5  | 6      | 7  | 8  | 9  | 10 |
| 70233-X47LF   | D   | 4                      | 4  | 4  | 4  | 4  | 4      | 4  | 4  | 4  | 4  |
|               | C   | 4                      | 4  | 4  | 4  | 4  | 4      | 4  | 4  | 4  | 4  |
|               | B   | 13                     | 13 | 13 | 13 | 13 | 13     | 13 | 13 | 13 | 13 |
|               | A   | 13                     | 13 | 13 | 13 | 13 | 13     | 13 | 13 | 13 | 13 |

| METRAL<br>P/N | ROW | CONTACT CODE<br>MOD. 1 |    |    |    |    | MOD. 2 |    |    |    |    |
|---------------|-----|------------------------|----|----|----|----|--------|----|----|----|----|
|               |     | 1                      | 2  | 3  | 4  | 5  | 6      | 7  | 8  | 9  | 10 |
| 70233-X48LF   | D   | 19                     | 19 | 19 | 19 | 19 | 19     | 19 | 19 | 19 | 19 |
|               | C   | 19                     | 19 | 19 | 19 | 19 | 19     | 19 | 19 | 19 | 19 |
|               | B   | 19                     | 19 | 19 | 19 | 19 | 19     | 19 | 19 | 19 | 19 |
|               | A   | 19                     | 19 | 19 | 19 | 19 | 19     | 19 | 19 | 19 | 19 |

| METRAL<br>P/N | ROW | CONTACT CODE<br>MOD. 1 |   |   |   |   | MOD. 2 |   |   |   |    |
|---------------|-----|------------------------|---|---|---|---|--------|---|---|---|----|
|               |     | 1                      | 2 | 3 | 4 | 5 | 6      | 7 | 8 | 9 | 10 |
| 70233-X49LF   | D   | 4                      | 4 | 4 | 4 | 4 | 4      | 4 | 4 | 4 | 4  |
|               | C   | 3                      | 3 | 3 | 3 | 3 | 3      | 3 | 3 | 3 | 3  |
|               | B   | 3                      | 3 | 3 | 3 | 3 | 3      | 3 | 3 | 3 | 3  |
|               | A   | 3                      | 3 | 3 | 3 | 3 | 3      | 3 | 3 | 3 | 3  |

| METRAL<br>P/N | ROW | CONTACT CODE<br>MOD. 1 |   |   |   |   | MOD. 2 |   |   |   |    |
|---------------|-----|------------------------|---|---|---|---|--------|---|---|---|----|
|               |     | 1                      | 2 | 3 | 4 | 5 | 6      | 7 | 8 | 9 | 10 |
| 70233-X50LF   | D   | 6                      | 6 | 6 | 6 | 6 | 6      | 6 | 6 | 6 | 6  |
|               | C   | 6                      | 6 | 6 | 6 | 6 | 6      | 6 | 6 | 6 | 6  |
|               | B   | 8                      | 8 | 8 | 8 | 8 | 8      | 8 | 8 | 8 | 8  |
|               | A   | 6                      | 6 | 6 | 6 | 6 | 6      | 6 | 6 | 6 | 6  |

| METRAL<br>P/N | ROW | CONTACT CODE<br>MOD. 1 |   |   |   |   | MOD. 2 |   |   |   |    |
|---------------|-----|------------------------|---|---|---|---|--------|---|---|---|----|
|               |     | 1                      | 2 | 3 | 4 | 5 | 6      | 7 | 8 | 9 | 10 |
| 70233-X51LF   | D   | 6                      | 6 | 6 | 6 | 6 | 6      | 6 | 6 | 6 | 6  |
|               | C   | 6                      | 6 | 6 | 6 | 6 | 6      | 6 | 6 | 6 | 6  |
|               | B   | 6                      | 6 | 6 | 6 | 6 | 6      | 6 | 6 | 6 | 6  |
|               | A   | 8                      | 8 | 8 | 8 | 8 | 8      | 8 | 8 | 8 | 8  |

| METRAL<br>P/N | ROW | CONTACT CODE<br>MOD. 1 |   |   |   |   | MOD. 2 |   |   |   |    |
|---------------|-----|------------------------|---|---|---|---|--------|---|---|---|----|
|               |     | 1                      | 2 | 3 | 4 | 5 | 6      | 7 | 8 | 9 | 10 |
| 70233-X52LF   | D   | 5                      | 5 | 5 | 5 | 5 | 5      | 5 | 5 | 5 | 5  |
|               | C   | 5                      | 5 | 5 | 5 | 5 | 5      | 5 | 5 | 5 | 5  |
|               | B   | 5                      | 5 | 5 | 5 | 5 | 5      | 5 | 5 | 5 | 5  |
|               | A   | 6                      | 6 | 6 | 6 | 6 | 6      | 6 | 6 | 6 | 6  |

| METRAL<br>P/N | ROW | CONTACT CODE<br>MOD. 1 |    |    |    |    | MOD. 2 |    |    |    |    |
|---------------|-----|------------------------|----|----|----|----|--------|----|----|----|----|
|               |     | 1                      | 2  | 3  | 4  | 5  | 6      | 7  | 8  | 9  | 10 |
| 70233-X53LF   | D   | 14                     | 14 | 14 | 14 | 14 | 14     | 14 | 14 | 14 | 14 |
|               | C   | 7                      | 7  | 7  | 7  | 7  | 7      | 7  | 7  | 7  | 7  |
|               | B   | 7                      | 7  | 7  | 7  | 7  | 7      | 7  | 7  | 7  | 7  |
|               | A   | 7                      | 7  | 7  | 7  | 7  | 7      | 7  | 7  | 7  | 7  |

| METRAL<br>P/N | ROW | CONTACT CODE<br>MOD. 1 |   |   |   |   | MOD. 2 |   |   |   |    |
|---------------|-----|------------------------|---|---|---|---|--------|---|---|---|----|
|               |     | 1                      | 2 | 3 | 4 | 5 | 6      | 7 | 8 | 9 | 10 |
| 70233-X54LF   | D   | 6                      | 6 | 6 | 6 | 6 | 6      | 6 | 6 | 6 | 6  |
|               | C   | 7                      | 7 | 7 | 7 | 7 | 7      | 7 | 7 | 7 | 7  |
|               | B   | 8                      | 8 | 8 | 8 | 8 | 8      | 8 | 8 | 8 | 8  |
|               | A   | 7                      | 7 | 7 | 7 | 7 | 7      | 7 | 7 | 7 | 7  |

|                                      |                                       |         |        |                 |                |                                                |                |                        |        |               |              |          |    |
|--------------------------------------|---------------------------------------|---------|--------|-----------------|----------------|------------------------------------------------|----------------|------------------------|--------|---------------|--------------|----------|----|
| spec ref                             |                                       | *       |        | dr              | Terran Huang   | 2010/07/09                                     | projection<br> | MM<br>                 | size   | A4            | scale        | 1:1      |    |
| tolerance std<br>ISO 406<br>ISO 1101 | TOLERANCES UNLESS OTHERWISE SPECIFIED |         |        | eng             | Narayanan, Aru | 2020/09/26                                     |                |                        | ecn no | ELX-I-38478-1 |              |          |    |
|                                      |                                       |         |        | chr             | -              | -                                              |                |                        |        |               |              |          |    |
|                                      |                                       |         |        | appr            | Kuriakose, San | 2020/09/29                                     | product family |                        | METRAL |               | rel level    | Released |    |
| surface<br><br>ISO 1302              | linear                                | 0.X     | ±0.3   | Amphenol<br>FCi | title          | METRAL SIGNAL HEADER<br>2 MOD, 4 ROW PRESS-FIT |                |                        | dwg no | 70233         |              | rev      | AL |
|                                      |                                       | 0.XX    | ±0.13  |                 |                |                                                |                |                        |        |               |              |          |    |
|                                      |                                       | 0.XXX   | ±0.051 |                 |                |                                                |                |                        |        |               |              |          |    |
|                                      |                                       | angular | 0°     | ±2°             |                | cat. no.                                       | -              | Product - Customer Drw |        |               | sheet 5 of 9 |          |    |

| METRAL<br>P/N | ROW | CONTACT CODE<br>MOD. 1 |   |   |   |   | MOD. 2 |   |   |   |    |
|---------------|-----|------------------------|---|---|---|---|--------|---|---|---|----|
|               |     | 1                      | 2 | 3 | 4 | 5 | 6      | 7 | 8 | 9 | 10 |
| 70233-X55LF   | D   | 5                      | 5 | 5 | 5 | 5 | 5      | 5 | 5 | 5 | 5  |
|               | C   | 6                      | 6 | 6 | 6 | 6 | 6      | 6 | 6 | 6 | 6  |
|               | B   | 7                      | 7 | 7 | 7 | 7 | 7      | 7 | 7 | 7 | 7  |
|               | A   | 8                      | 8 | 8 | 8 | 8 | 8      | 8 | 8 | 8 | 8  |

| METRAL<br>P/N | ROW | CONTACT CODE<br>MOD. 1 |    |    |    |    | MOD. 2 |    |    |    |    |
|---------------|-----|------------------------|----|----|----|----|--------|----|----|----|----|
|               |     | 1                      | 2  | 3  | 4  | 5  | 6      | 7  | 8  | 9  | 10 |
| 70233-X56LF   | D   | 20                     | 20 | 20 | 20 | 20 | 20     | 20 | 20 | 20 | 20 |
|               | C   | 7                      | 7  | 7  | 7  | 7  | 7      | 7  | 7  | 7  | 7  |
|               | B   | 7                      | 7  | 7  | 7  | 7  | 7      | 7  | 7  | 7  | 7  |
|               | A   | 7                      | 7  | 7  | 7  | 7  | 7      | 7  | 7  | 7  | 7  |

| METRAL<br>P/N | ROW | CONTACT CODE<br>MOD. 1 |    |    |    |    | MOD. 2 |    |    |    |    |
|---------------|-----|------------------------|----|----|----|----|--------|----|----|----|----|
|               |     | 1                      | 2  | 3  | 4  | 5  | 6      | 7  | 8  | 9  | 10 |
| 70233-X57LF   | D   | 8                      | 8  | 8  | 8  | 8  | 8      | 8  | 8  | 8  | 8  |
|               | C   | 8                      | 8  | 8  | 8  | 8  | 8      | 8  | 8  | 8  | 8  |
|               | B   | 14                     | 14 | 14 | 14 | 14 | 14     | 14 | 14 | 14 | 14 |
|               | A   | 14                     | 14 | 14 | 14 | 14 | 14     | 14 | 14 | 14 | 14 |

| METRAL<br>P/N | ROW | CONTACT CODE<br>MOD. 1 |    |    |    |    | MOD. 2 |    |    |    |    |
|---------------|-----|------------------------|----|----|----|----|--------|----|----|----|----|
|               |     | 1                      | 2  | 3  | 4  | 5  | 6      | 7  | 8  | 9  | 10 |
| 70233-X58LF   | D   | 20                     | 20 | 20 | 20 | 20 | 20     | 20 | 20 | 20 | 20 |
|               | C   | 20                     | 20 | 20 | 20 | 20 | 20     | 20 | 20 | 20 | 20 |
|               | B   | 20                     | 20 | 20 | 20 | 20 | 20     | 20 | 20 | 20 | 20 |
|               | A   | 20                     | 20 | 20 | 20 | 20 | 20     | 20 | 20 | 20 | 20 |

| METRAL<br>P/N | ROW | CONTACT CODE<br>MOD. 1 |   |   |   |   | MOD. 2 |   |   |   |    |
|---------------|-----|------------------------|---|---|---|---|--------|---|---|---|----|
|               |     | 1                      | 2 | 3 | 4 | 5 | 6      | 7 | 8 | 9 | 10 |
| 70233-X59LF   | D   | 8                      | 8 | 8 | 8 | 8 | 8      | 8 | 8 | 8 | 8  |
|               | C   | 7                      | 7 | 7 | 7 | 7 | 7      | 7 | 7 | 7 | 7  |
|               | B   | 7                      | 7 | 7 | 7 | 7 | 7      | 7 | 7 | 7 | 7  |
|               | A   | 7                      | 7 | 7 | 7 | 7 | 7      | 7 | 7 | 7 | 7  |

| METRAL<br>P/N | ROW | CONTACT CODE<br>MOD. 1 |    |    |    |    | MOD. 2 |    |    |    |    |
|---------------|-----|------------------------|----|----|----|----|--------|----|----|----|----|
|               |     | 1                      | 2  | 3  | 4  | 5  | 6      | 7  | 8  | 9  | 10 |
| 70233-X60LF   | D   | 10                     | 10 | 10 | 10 | 10 | 10     | 10 | 10 | 10 | 10 |
|               | C   | 10                     | 10 | 10 | 10 | 10 | 10     | 10 | 10 | 10 | 10 |
|               | B   | 12                     | 12 | 12 | 12 | 12 | 12     | 12 | 12 | 12 | 12 |
|               | A   | 10                     | 10 | 10 | 10 | 10 | 10     | 10 | 10 | 10 | 10 |

| METRAL<br>P/N | ROW | CONTACT CODE<br>MOD. 1 |    |    |    |    | MOD. 2 |    |    |    |    |
|---------------|-----|------------------------|----|----|----|----|--------|----|----|----|----|
|               |     | 1                      | 2  | 3  | 4  | 5  | 6      | 7  | 8  | 9  | 10 |
| 70233-X61LF   | D   | 10                     | 10 | 10 | 10 | 10 | 10     | 10 | 10 | 10 | 10 |
|               | C   | 10                     | 10 | 10 | 10 | 10 | 10     | 10 | 10 | 10 | 10 |
|               | B   | 10                     | 10 | 10 | 10 | 10 | 10     | 10 | 10 | 10 | 10 |
|               | A   | 12                     | 12 | 12 | 12 | 12 | 12     | 12 | 12 | 12 | 12 |

| METRAL<br>P/N | ROW | CONTACT CODE<br>MOD. 1 |    |    |    |    | MOD. 2 |    |    |    |    |
|---------------|-----|------------------------|----|----|----|----|--------|----|----|----|----|
|               |     | 1                      | 2  | 3  | 4  | 5  | 6      | 7  | 8  | 9  | 10 |
| 70233-X62LF   | D   | 9                      | 9  | 9  | 9  | 9  | 9      | 9  | 9  | 9  | 9  |
|               | C   | 9                      | 9  | 9  | 9  | 9  | 9      | 9  | 9  | 9  | 9  |
|               | B   | 9                      | 9  | 9  | 9  | 9  | 9      | 9  | 9  | 9  | 9  |
|               | A   | 10                     | 10 | 10 | 10 | 10 | 10     | 10 | 10 | 10 | 10 |

| METRAL<br>P/N | ROW | CONTACT CODE<br>MOD. 1 |    |    |    |    | MOD. 2 |    |    |    |    |
|---------------|-----|------------------------|----|----|----|----|--------|----|----|----|----|
|               |     | 1                      | 2  | 3  | 4  | 5  | 6      | 7  | 8  | 9  | 10 |
| 70233-X63LF   | D   | 15                     | 15 | 15 | 15 | 15 | 15     | 15 | 15 | 15 | 15 |
|               | C   | 11                     | 11 | 11 | 11 | 11 | 11     | 11 | 11 | 11 | 11 |
|               | B   | 11                     | 11 | 11 | 11 | 11 | 11     | 11 | 11 | 11 | 11 |
|               | A   | 11                     | 11 | 11 | 11 | 11 | 11     | 11 | 11 | 11 | 11 |

| METRAL<br>P/N | ROW | CONTACT CODE<br>MOD. 1 |    |    |    |    | MOD. 2 |    |    |    |    |
|---------------|-----|------------------------|----|----|----|----|--------|----|----|----|----|
|               |     | 1                      | 2  | 3  | 4  | 5  | 6      | 7  | 8  | 9  | 10 |
| 70233-X64LF   | D   | 10                     | 10 | 10 | 10 | 10 | 10     | 10 | 10 | 10 | 10 |
|               | C   | 11                     | 11 | 11 | 11 | 11 | 11     | 11 | 11 | 11 | 11 |
|               | B   | 12                     | 12 | 12 | 12 | 12 | 12     | 12 | 12 | 12 | 12 |
|               | A   | 11                     | 11 | 11 | 11 | 11 | 11     | 11 | 11 | 11 | 11 |

| METRAL<br>P/N | ROW | CONTACT CODE<br>MOD. 1 |    |    |    |    | MOD. 2 |    |    |    |    |
|---------------|-----|------------------------|----|----|----|----|--------|----|----|----|----|
|               |     | 1                      | 2  | 3  | 4  | 5  | 6      | 7  | 8  | 9  | 10 |
| 70233-X65LF   | D   | 9                      | 9  | 9  | 9  | 9  | 9      | 9  | 9  | 9  | 9  |
|               | C   | 10                     | 10 | 10 | 10 | 10 | 10     | 10 | 10 | 10 | 10 |
|               | B   | 11                     | 11 | 11 | 11 | 11 | 11     | 11 | 11 | 11 | 11 |
|               | A   | 12                     | 12 | 12 | 12 | 12 | 12     | 12 | 12 | 12 | 12 |

| METRAL<br>P/N | ROW | CONTACT CODE<br>MOD. 1 |    |    |    |    | MOD. 2 |    |    |    |    |
|---------------|-----|------------------------|----|----|----|----|--------|----|----|----|----|
|               |     | 1                      | 2  | 3  | 4  | 5  | 6      | 7  | 8  | 9  | 10 |
| 70233-X66LF   | D   | 21                     | 21 | 21 | 21 | 21 | 21     | 21 | 21 | 21 | 21 |
|               | C   | 11                     | 11 | 11 | 11 | 11 | 11     | 11 | 11 | 11 | 11 |
|               | B   | 11                     | 11 | 11 | 11 | 11 | 11     | 11 | 11 | 11 | 11 |
|               | A   | 11                     | 11 | 11 | 11 | 11 | 11     | 11 | 11 | 11 | 11 |

| METRAL<br>P/N | ROW | CONTACT CODE<br>MOD. 1 |    |    |    |    | MOD. 2 |    |    |    |    |
|---------------|-----|------------------------|----|----|----|----|--------|----|----|----|----|
|               |     | 1                      | 2  | 3  | 4  | 5  | 6      | 7  | 8  | 9  | 10 |
| 70233-X67LF   | D   | 12                     | 12 | 12 | 12 | 12 | 12     | 12 | 12 | 12 | 12 |
|               | C   | 12                     | 12 | 12 | 12 | 12 | 12     | 12 | 12 | 12 | 12 |
|               | B   | 15                     | 15 | 15 | 15 | 15 | 15     | 15 | 15 | 15 | 15 |
|               | A   | 15                     | 15 | 15 | 15 | 15 | 15     | 15 | 15 | 15 | 15 |

| METRAL<br>P/N | ROW | CONTACT CODE<br>MOD. 1 |    |    |    |    | MOD. 2 |    |    |    |    |
|---------------|-----|------------------------|----|----|----|----|--------|----|----|----|----|
|               |     | 1                      | 2  | 3  | 4  | 5  | 6      | 7  | 8  | 9  | 10 |
| 70233-X68LF   | D   | 21                     | 21 | 21 | 21 | 21 | 21     | 21 | 21 | 21 | 21 |
|               | C   | 21                     | 21 | 21 | 21 | 21 | 21     | 21 | 21 | 21 | 21 |
|               | B   | 21                     | 21 | 21 | 21 | 21 | 21     | 21 | 21 | 21 | 21 |
|               | A   | 21                     | 21 | 21 | 21 | 21 | 21     | 21 | 21 | 21 | 21 |

| METRAL<br>P/N | ROW | CONTACT CODE<br>MOD. 1 |    |    |    |    | MOD. 2 |    |    |    |    |
|---------------|-----|------------------------|----|----|----|----|--------|----|----|----|----|
|               |     | 1                      | 2  | 3  | 4  | 5  | 6      | 7  | 8  | 9  | 10 |
| 70233-X69LF   | D   | 12                     | 12 | 12 | 12 | 12 | 12     | 12 | 12 | 12 | 12 |
|               | C   | 11                     | 11 | 11 | 11 | 11 | 11     | 11 | 11 | 11 | 11 |
|               | B   | 11                     | 11 | 11 | 11 | 11 | 11     | 11 | 11 | 11 | 11 |
|               | A   | 11                     | 11 | 11 | 11 | 11 | 11     | 11 | 11 | 11 | 11 |

|                        |                     |      |                |                 |                |                                                |           |               |           |              |
|------------------------|---------------------|------|----------------|-----------------|----------------|------------------------------------------------|-----------|---------------|-----------|--------------|
| spec ref               | *                   | dr   | Terran Huang   | 2010/07/09      | projection     | MM                                             | size      | A4            | scale     | 1:1          |
| tolerance std          | ISO 406<br>ISO 1101 | eng  | Narayanan, Aru | 2020/09/26      | chr            | -                                              | ecn no    | ELX-I-38478-1 | rel level | Released     |
| surface                | linear              | appr | Kuriakose, San | 2020/09/29      | product family | METRAL                                         | rel level | Released      | rev       | AL           |
| ISO 1302               | angular             | 0°   | ±2°            | Amphenol<br>FCI | title          | METRAL SIGNAL HEADER<br>2 MOD, 4 ROW PRESS-FIT | dwg no    | 70233         | cat. no.  | -            |
| Product - Customer Drw |                     |      |                |                 |                |                                                |           |               |           | sheet 6 of 9 |

| METRAL<br>P/N | ROW | CONTACT CODE<br>MOD. 1 |   |   |   |   | MOD. 2 |   |   |   |    |    |    |
|---------------|-----|------------------------|---|---|---|---|--------|---|---|---|----|----|----|
|               |     | 1                      | 2 | 3 | 4 | 5 | 6      | 7 | 8 | 9 | 10 | 11 | 12 |
| 70233-X70LF   | D   | 4                      | 4 | 4 | 4 | 4 | 4      | 4 | 4 | 4 | 4  | 4  | 4  |
|               | C   | 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  |
|               | A   | 2                      | 2 | 2 | 2 | 2 | 2      | 2 | 2 | 2 | 2  | 2  | 2  |

| METRAL<br>P/N | ROW | CONTACT CODE<br>MOD. 1 |   |   |   |   | MOD. 2 |   |   |   |    |    |    |
|---------------|-----|------------------------|---|---|---|---|--------|---|---|---|----|----|----|
|               |     | 1                      | 2 | 3 | 4 | 5 | 6      | 7 | 8 | 9 | 10 | 11 | 12 |
| 70233-X71LF   | D   | 3                      | 3 | 3 | 3 | 3 | 3      | 3 | 3 | 3 | 3  | 3  | 3  |
|               | C   | 3                      | 3 | 3 | 3 | 3 | 3      | 3 | 3 | 3 | 3  | 3  | 3  |
|               | B   | 1                      | 1 | 1 | 1 | 1 | 1      | 1 | 1 | 1 | 1  | 1  | 1  |
|               | A   | 3                      | 3 | 3 | 3 | 3 | 3      | 3 | 3 | 3 | 3  | 3  | 3  |

| METRAL<br>P/N | ROW | CONTACT CODE<br>MOD. 1 |    |    |    |    |    | MOD. 2 |    |    |    |    |    |
|---------------|-----|------------------------|----|----|----|----|----|--------|----|----|----|----|----|
|               |     | 1                      | 2  | 3  | 4  | 5  | 6  | 7      | 8  | 9  | 10 | 11 | 12 |
| 70233-X72LF   | D   | 2                      | 2  | 2  | 2  | 2  | 2  | 2      | 2  | 2  | 2  | 2  | 2  |
|               | C   | 4                      | 4  | 4  | 4  | 4  | 4  | 4      | 4  | 4  | 4  | 4  | 4  |
|               | B   | 4                      | 4  | 4  | 4  | 4  | 4  | 4      | 4  | 4  | 4  | 4  | 4  |
|               | A   | 19                     | 19 | 19 | 19 | 19 | 19 | 19     | 19 | 19 | 19 | 19 | 19 |

| METRAL<br>P/N | ROW | CONTACT CODE<br>MOD. 1 |   |   |   |   |   | MOD. 2 |   |   |    |    |    |
|---------------|-----|------------------------|---|---|---|---|---|--------|---|---|----|----|----|
|               |     | 1                      | 2 | 3 | 4 | 5 | 6 | 7      | 8 | 9 | 10 | 11 | 12 |
| 70233-X73LF   | D   | 2                      | 2 | 2 | 2 | 2 | 2 | 2      | 2 | 2 | 2  | 2  | 2  |
|               | C   | 3                      | 3 | 3 | 3 | 3 | 3 | 3      | 3 | 3 | 3  | 3  | 3  |
|               | B   | 2                      | 2 | 2 | 2 | 2 | 2 | 2      | 2 | 2 | 2  | 2  | 2  |
|               | A   | 3                      | 3 | 3 | 3 | 3 | 3 | 3      | 3 | 3 | 3  | 3  | 3  |

| METRAL<br>P/N | ROW | CONTACT CODE<br>MOD. 1 |   |   |   |   |   | MOD. 2 |   |   |    |    |    |
|---------------|-----|------------------------|---|---|---|---|---|--------|---|---|----|----|----|
|               |     | 1                      | 2 | 3 | 4 | 5 | 6 | 7      | 8 | 9 | 10 | 11 | 12 |
| 70233-X74LF   | D   | 2                      | 2 | 2 | 2 | 2 | 2 | 2      | 2 | 2 | 2  | 2  | 2  |
|               | C   | 3                      | 3 | 3 | 3 | 3 | 3 | 3      | 3 | 3 | 3  | 3  | 3  |
|               | B   | 3                      | 3 | 3 | 3 | 3 | 3 | 3      | 3 | 3 | 3  | 3  | 3  |
|               | A   | 3                      | 3 | 3 | 3 | 3 | 3 | 3      | 3 | 3 | 3  | 3  | 3  |

| METRAL<br>P/N | ROW | CONTACT CODE<br>MOD. 1 |   |   |   |   | MOD. 2 |   |   |   |    |    |    |
|---------------|-----|------------------------|---|---|---|---|--------|---|---|---|----|----|----|
|               |     | 1                      | 2 | 3 | 4 | 5 | 6      | 7 | 8 | 9 | 10 | 11 | 12 |
| 70233-X75LF   | D   | 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  |
|               | B   | 2                      | 2 | 2 | 2 | 2 | 2      | 2 | 2 | 2 | 2  | 2  | 2  |
|               | A   | 3                      | 3 | 3 | 3 | 3 | 3      | 3 | 3 | 3 | 3  | 3  | 3  |

| METRAL<br>P/N | ROW | CONTACT CODE<br>MOD. 1 |    |    |    |    | MOD. 2 |    |    |    |    |    |    |
|---------------|-----|------------------------|----|----|----|----|--------|----|----|----|----|----|----|
|               |     | 1                      | 2  | 3  | 4  | 5  | 6      | 7  | 8  | 9  | 10 | 11 | 12 |
| 70233-X76LF   | D   | 19                     | 19 | 19 | 19 | 19 | 19     | 19 | 19 | 19 | 19 | 19 | 19 |
|               | C   | 1                      | 1  | 1  | 1  | 1  | 1      | 1  | 1  | 1  | 1  | 1  | 1  |
|               | B   | 1                      | 1  | 1  | 1  | 1  | 1      | 1  | 1  | 1  | 1  | 1  | 1  |
|               | A   | 19                     | 19 | 19 | 19 | 19 | 19     | 19 | 19 | 19 | 19 | 19 | 19 |

| METRAL<br>P/N | ROW | CONTACT CODE<br>MOD. 1 |    |    |    |    | MOD. 2 |    |    |    |    |    |    |
|---------------|-----|------------------------|----|----|----|----|--------|----|----|----|----|----|----|
|               |     | 1                      | 2  | 3  | 4  | 5  | 6      | 7  | 8  | 9  | 10 | 11 | 12 |
| 70233-X77LF   | D   | 2                      | 2  | 2  | 2  | 2  | 2      | 2  | 2  | 2  | 2  | 2  | 2  |
|               | C   | 3                      | 3  | 3  | 3  | 3  | 3      | 3  | 3  | 3  | 3  | 3  | 3  |
|               | B   | 19                     | 19 | 19 | 19 | 19 | 19     | 19 | 19 | 19 | 19 | 19 | 19 |
|               | A   | 3                      | 3  | 3  | 3  | 3  | 3      | 3  | 3  | 3  | 3  | 3  | 3  |

| METRAL<br>P/N | ROW | CONTACT CODE<br>MOD. 1 |   |   |   |   | MOD. 2 |   |   |   |    |    |    |
|---------------|-----|------------------------|---|---|---|---|--------|---|---|---|----|----|----|
|               |     | 1                      | 2 | 3 | 4 | 5 | 6      | 7 | 8 | 9 | 10 | 11 | 12 |
| 70233-X78LF   | D   | 1                      | 1 | 1 | 1 | 1 | 1      | 1 | 1 | 1 | 1  | 1  | 1  |
|               | C   | 1                      | 1 | 1 | 1 | 1 | 1      | 1 | 1 | 1 | 1  | 1  | 1  |
|               | B   | 3                      | 3 | 3 | 3 | 3 | 3      | 3 | 3 | 3 | 3  | 3  | 3  |
|               | A   | 1                      | 1 | 1 | 1 | 1 | 1      | 1 | 1 | 1 | 1  | 1  | 1  |

| METRAL<br>P/N | ROW | CONTACT CODE<br>MOD. 1 |   |   |   |   | MOD. 2 |   |   |   |    |    |    |
|---------------|-----|------------------------|---|---|---|---|--------|---|---|---|----|----|----|
|               |     | 1                      | 2 | 3 | 4 | 5 | 6      | 7 | 8 | 9 | 10 | 11 | 12 |
| 70233-X79LF   | D   | 3                      | 3 | 3 | 3 | 3 | 3      | 3 | 3 | 3 | 3  | 3  | 3  |
|               | C   | 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  |
|               | A   | 2                      | 2 | 2 | 2 | 2 | 2      | 2 | 2 | 2 | 2  | 2  | 2  |

| METRAL<br>P/N | ROW | CONTACT CODE<br>MOD. 1 |   |   |   |   | MOD. 2 |   |   |   |    |    |    |
|---------------|-----|------------------------|---|---|---|---|--------|---|---|---|----|----|----|
|               |     | 1                      | 2 | 3 | 4 | 5 | 6      | 7 | 8 | 9 | 10 | 11 | 12 |
| 70233-X80LF   | D   | 8                      | 8 | 8 | 8 | 8 | 8      | 8 | 8 | 8 | 8  | 8  | 8  |
|               | C   | 6                      | 6 | 6 | 6 | 6 | 6      | 6 | 6 | 6 | 6  | 6  | 6  |
|               | B   | 6                      | 6 | 6 | 6 | 6 | 6      | 6 | 6 | 6 | 6  | 6  | 6  |
|               | A   | 6                      | 6 | 6 | 6 | 6 | 6      | 6 | 6 | 6 | 6  | 6  | 6  |

| METRAL<br>P/N | ROW | CONTACT CODE<br>MOD. 1 |   |   |   |   | MOD. 2 |   |   |   |    |    |    |
|---------------|-----|------------------------|---|---|---|---|--------|---|---|---|----|----|----|
|               |     | 1                      | 2 | 3 | 4 | 5 | 6      | 7 | 8 | 9 | 10 | 11 | 12 |
| 70233-X81LF   | D   | 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  |
|               | B   | 5                      | 5 | 5 | 5 | 5 | 5      | 5 | 5 | 5 | 5  | 5  | 5  |
|               | A   | 7                      | 7 | 7 | 7 | 7 | 7      | 7 | 7 | 7 | 7  | 7  | 7  |

| METRAL<br>P/N | ROW | CONTACT CODE<br>MOD. 1 |    |    |    |    | MOD. 2 |    |    |    |    |    |    |
|---------------|-----|------------------------|----|----|----|----|--------|----|----|----|----|----|----|
|               |     | 1                      | 2  | 3  | 4  | 5  | 6      | 7  | 8  | 9  | 10 | 11 | 12 |
| 70233-X82LF   | D   | 6                      | 6  | 6  | 6  | 6  | 6      | 6  | 6  | 6  | 6  | 6  | 6  |
|               | C   | 8                      | 8  | 8  | 8  | 8  | 8      | 8  | 8  | 8  | 8  | 8  | 8  |
|               | B   | 8                      | 8  | 8  | 8  | 8  | 8      | 8  | 8  | 8  | 8  | 8  | 8  |
|               | A   | 20                     | 20 | 20 | 20 | 20 | 20     | 20 | 20 | 20 | 20 | 20 | 20 |

| METRAL<br>P/N | ROW | CONTACT CODE<br>MOD. 1 |   |   |   |   | MOD. 2 |   |   |   |    |    |    |
|---------------|-----|------------------------|---|---|---|---|--------|---|---|---|----|----|----|
|               |     | 1                      | 2 | 3 | 4 | 5 | 6      | 7 | 8 | 9 | 10 | 11 | 12 |
| 70233-X83LF   | D   | 6                      | 6 | 6 | 6 | 6 | 6      | 6 | 6 | 6 | 6  | 6  | 6  |
|               | C   | 7                      | 7 | 7 | 7 | 7 | 7      | 7 | 7 | 7 | 7  | 7  | 7  |
|               | B   | 6                      | 6 | 6 | 6 | 6 | 6      | 6 | 6 | 6 | 6  | 6  | 6  |
|               | A   | 7                      | 7 | 7 | 7 | 7 | 7      | 7 | 7 | 7 | 7  | 7  | 7  |

| METRAL<br>P/N | ROW | CONTACT CODE<br>MOD. 1 |   |   |   |   |   | MOD. 2 |   |   |    |    |    |
|---------------|-----|------------------------|---|---|---|---|---|--------|---|---|----|----|----|
|               |     | 1                      | 2 | 3 | 4 | 5 | 6 | 7      | 8 | 9 | 10 | 11 | 12 |
| 70233-X84LF   | D   | 6                      | 6 | 6 | 6 | 6 | 6 | 6      | 6 | 6 | 6  | 6  | 6  |
|               | C   | 7                      | 7 | 7 | 7 | 7 | 7 | 7      | 7 | 7 | 7  | 7  | 7  |
|               | B   | 7                      | 7 | 7 | 7 | 7 | 7 | 7      | 7 | 7 | 7  | 7  | 7  |
|               | A   | 7                      | 7 | 7 | 7 | 7 | 7 | 7      | 7 | 7 | 7  | 7  | 7  |

|                                      |                                       |         |        |                 |                |                                                |                |                        |        |               |           |              |     |    |
|--------------------------------------|---------------------------------------|---------|--------|-----------------|----------------|------------------------------------------------|----------------|------------------------|--------|---------------|-----------|--------------|-----|----|
| spec ref                             |                                       | *       |        | dr              | Terran Huang   | 2010/07/09                                     | projection<br> | MM<br>                 | size   | A4            | scale     | 1:1          |     |    |
| tolerance std<br>ISO 406<br>ISO 1101 | TOLERANCES UNLESS OTHERWISE SPECIFIED |         |        | eng             | Narayanan, Aru | 2020/09/26                                     |                |                        | ecn no | ELX-I-38478-1 |           |              |     |    |
|                                      |                                       |         |        | chr             | -              | -                                              |                |                        |        |               |           |              |     |    |
|                                      |                                       |         |        | appr            | Kuriakose, San | 2020/09/29                                     | product family |                        | METRAL |               | rel level | Released     |     |    |
| surface<br><br>ISO 1302              | linear                                | 0.X     | ±0.3   | Amphenol<br>FCi | title          | METRAL SIGNAL HEADER<br>2 MOD, 4 ROW PRESS-FIT |                |                        |        | dwg no        | 70233     |              | rev | AL |
|                                      |                                       | 0.XX    | ±0.13  |                 |                |                                                |                |                        |        |               |           |              |     |    |
|                                      |                                       | 0.XXX   | ±0.051 |                 |                |                                                |                |                        |        |               |           |              |     |    |
|                                      |                                       | angular | 0°     | ±2°             |                | cat. no.                                       | -              | Product - Customer Drw |        |               |           | sheet 7 of 9 |     |    |

| METRAL<br>P/N | ROW | CONTACT CODE<br>MOD. 1 |   |   |   |   |   | MOD. 2 |   |   |    |    |    |
|---------------|-----|------------------------|---|---|---|---|---|--------|---|---|----|----|----|
|               |     | 1                      | 2 | 3 | 4 | 5 | 6 | 7      | 8 | 9 | 10 | 11 | 12 |
| 70233-X85LF   | D   | 6                      | 6 | 6 | 6 | 6 | 6 | 6      | 6 | 6 | 6  | 6  | 6  |
|               | C   | 6                      | 6 | 6 | 6 | 6 | 6 | 6      | 6 | 6 | 6  | 6  | 6  |
|               | B   | 6                      | 6 | 6 | 6 | 6 | 6 | 6      | 6 | 6 | 6  | 6  | 6  |
|               | A   | 7                      | 7 | 7 | 7 | 7 | 7 | 7      | 7 | 7 | 7  | 7  | 7  |

| METRAL<br>P/N | ROW | CONTACT CODE<br>MOD. 1 |    |    |    |    |    | MOD. 2 |    |    |    |    |    |
|---------------|-----|------------------------|----|----|----|----|----|--------|----|----|----|----|----|
|               |     | 1                      | 2  | 3  | 4  | 5  | 6  | 7      | 8  | 9  | 10 | 11 | 12 |
| 70233-X86LF   | D   | 20                     | 20 | 20 | 20 | 20 | 20 | 20     | 20 | 20 | 20 | 20 | 20 |
|               | C   | 5                      | 5  | 5  | 5  | 5  | 5  | 5      | 5  | 5  | 5  | 5  | 5  |
|               | B   | 5                      | 5  | 5  | 5  | 5  | 5  | 5      | 5  | 5  | 5  | 5  | 5  |
|               | A   | 20                     | 20 | 20 | 20 | 20 | 20 | 20     | 20 | 20 | 20 | 20 | 20 |

| METRAL<br>P/N | ROW | CONTACT CODE<br>MOD. 1 |    |    |    |    |    | MOD. 2 |    |    |    |    |    |
|---------------|-----|------------------------|----|----|----|----|----|--------|----|----|----|----|----|
|               |     | 1                      | 2  | 3  | 4  | 5  | 6  | 7      | 8  | 9  | 10 | 11 | 12 |
| 70233-X87LF   | D   | 6                      | 6  | 6  | 6  | 6  | 6  | 6      | 6  | 6  | 6  | 6  | 6  |
|               | C   | 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 |
|               | A   | 7                      | 7  | 7  | 7  | 7  | 7  | 7      | 7  | 7  | 7  | 7  | 7  |

| METRAL<br>P/N | ROW | CONTACT CODE<br>MOD. 1 |   |   |   |   |   | MOD. 2 |   |   |    |    |    |
|---------------|-----|------------------------|---|---|---|---|---|--------|---|---|----|----|----|
|               |     | 1                      | 2 | 3 | 4 | 5 | 6 | 7      | 8 | 9 | 10 | 11 | 12 |
| 70233-X88LF   | D   | 5                      | 5 | 5 | 5 | 5 | 5 | 5      | 5 | 5 | 5  | 5  | 5  |
|               | C   | 5                      | 5 | 5 | 5 | 5 | 5 | 5      | 5 | 5 | 5  | 5  | 5  |
|               | B   | 7                      | 7 | 7 | 7 | 7 | 7 | 7      | 7 | 7 | 7  | 7  | 7  |
|               | A   | 5                      | 5 | 5 | 5 | 5 | 5 | 5      | 5 | 5 | 5  | 5  | 5  |

| METRAL<br>P/N | ROW | CONTACT CODE<br>MOD. 1 |   |   |   |   |   | MOD. 2 |   |   |    |    |    |
|---------------|-----|------------------------|---|---|---|---|---|--------|---|---|----|----|----|
|               |     | 1                      | 2 | 3 | 4 | 5 | 6 | 7      | 8 | 9 | 10 | 11 | 12 |
| 70233-X89LF   | D   | 7                      | 7 | 7 | 7 | 7 | 7 | 7      | 7 | 7 | 7  | 7  | 7  |
|               | C   | 6                      | 6 | 6 | 6 | 6 | 6 | 6      | 6 | 6 | 6  | 6  | 6  |
|               | B   | 6                      | 6 | 6 | 6 | 6 | 6 | 6      | 6 | 6 | 6  | 6  | 6  |
|               | A   | 6                      | 6 | 6 | 6 | 6 | 6 | 6      | 6 | 6 | 6  | 6  | 6  |

| METRAL<br>P/N | ROW | CONTACT CODE<br>MOD. 1 |    |    |    |    |    | MOD. 2 |    |    |    |    |    |
|---------------|-----|------------------------|----|----|----|----|----|--------|----|----|----|----|----|
|               |     | 1                      | 2  | 3  | 4  | 5  | 6  | 7      | 8  | 9  | 10 | 11 | 12 |
| 70233-X90LF   | D   | 12                     | 12 | 12 | 12 | 12 | 12 | 12     | 12 | 12 | 12 | 12 | 12 |
|               | C   | 10                     | 10 | 10 | 10 | 10 | 10 | 10     | 10 | 10 | 10 | 10 | 10 |
|               | B   | 10                     | 10 | 10 | 10 | 10 | 10 | 10     | 10 | 10 | 10 | 10 | 10 |
|               | A   | 10                     | 10 | 10 | 10 | 10 | 10 | 10     | 10 | 10 | 10 | 10 | 10 |

| METRAL<br>P/N | ROW | CONTACT CODE<br>MOD. 1 |    |    |    |    |    | MOD. 2 |    |    |    |    |    |
|---------------|-----|------------------------|----|----|----|----|----|--------|----|----|----|----|----|
|               |     | 1                      | 2  | 3  | 4  | 5  | 6  | 7      | 8  | 9  | 10 | 11 | 12 |
| 70233-X91LF   | D   | 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 |
|               | B   | 9                      | 9  | 9  | 9  | 9  | 9  | 9      | 9  | 9  | 9  | 9  | 9  |
|               | A   | 11                     | 11 | 11 | 11 | 11 | 11 | 11     | 11 | 11 | 11 | 11 | 11 |

| METRAL<br>P/N | ROW | CONTACT CODE<br>MOD. 1 |    |    |    |    |    | MOD. 2 |    |    |    |    |    |
|---------------|-----|------------------------|----|----|----|----|----|--------|----|----|----|----|----|
|               |     | 1                      | 2  | 3  | 4  | 5  | 6  | 7      | 8  | 9  | 10 | 11 | 12 |
| 70233-X92LF   | D   | 10                     | 10 | 10 | 10 | 10 | 10 | 10     | 10 | 10 | 10 | 10 | 10 |
|               | C   | 12                     | 12 | 12 | 12 | 12 | 12 | 12     | 12 | 12 | 12 | 12 | 12 |
|               | B   | 12                     | 12 | 12 | 12 | 12 | 12 | 12     | 12 | 12 | 12 | 12 | 12 |
|               | A   | 21                     | 21 | 21 | 21 | 21 | 21 | 21     | 21 | 21 | 21 | 21 | 21 |

| METRAL<br>P/N | ROW | CONTACT CODE<br>MOD. 1 |    |    |    |    |    | MOD. 2 |    |    |    |    |    |
|---------------|-----|------------------------|----|----|----|----|----|--------|----|----|----|----|----|
|               |     | 1                      | 2  | 3  | 4  | 5  | 6  | 7      | 8  | 9  | 10 | 11 | 12 |
| 70233-X93LF   | D   | 10                     | 10 | 10 | 10 | 10 | 10 | 10     | 10 | 10 | 10 | 10 | 10 |
|               | C   | 11                     | 11 | 11 | 11 | 11 | 11 | 11     | 11 | 11 | 11 | 11 | 11 |
|               | B   | 10                     | 10 | 10 | 10 | 10 | 10 | 10     | 10 | 10 | 10 | 10 | 10 |
|               | A   | 11                     | 11 | 11 | 11 | 11 | 11 | 11     | 11 | 11 | 11 | 11 | 11 |

| METRAL<br>P/N | ROW | CONTACT CODE<br>MOD. 1 |    |    |    |    |    | MOD. 2 |    |    |    |    |    |
|---------------|-----|------------------------|----|----|----|----|----|--------|----|----|----|----|----|
|               |     | 1                      | 2  | 3  | 4  | 5  | 6  | 7      | 8  | 9  | 10 | 11 | 12 |
| 70233-X94LF   | D   | 10                     | 10 | 10 | 10 | 10 | 10 | 10     | 10 | 10 | 10 | 10 | 10 |
|               | C   | 11                     | 11 | 11 | 11 | 11 | 11 | 11     | 11 | 11 | 11 | 11 | 11 |
|               | B   | 11                     | 11 | 11 | 11 | 11 | 11 | 11     | 11 | 11 | 11 | 11 | 11 |
|               | A   | 11                     | 11 | 11 | 11 | 11 | 11 | 11     | 11 | 11 | 11 | 11 | 11 |

| METRAL<br>P/N | ROW | CONTACT CODE<br>MOD. 1 |    |    |    |    |    | MOD. 2 |    |    |    |    |    |
|---------------|-----|------------------------|----|----|----|----|----|--------|----|----|----|----|----|
|               |     | 1                      | 2  | 3  | 4  | 5  | 6  | 7      | 8  | 9  | 10 | 11 | 12 |
| 70233-X95LF   | D   | 10                     | 10 | 10 | 10 | 10 | 10 | 10     | 10 | 10 | 10 | 10 | 10 |
|               | C   | 10                     | 10 | 10 | 10 | 10 | 10 | 10     | 10 | 10 | 10 | 10 | 10 |
|               | B   | 10                     | 10 | 10 | 10 | 10 | 10 | 10     | 10 | 10 | 10 | 10 | 10 |
|               | A   | 11                     | 11 | 11 | 11 | 11 | 11 | 11     | 11 | 11 | 11 | 11 | 11 |

| METRAL<br>P/N | ROW | CONTACT CODE<br>MOD. 1 |    |    |    |    |    | MOD. 2 |    |    |    |    |    |
|---------------|-----|------------------------|----|----|----|----|----|--------|----|----|----|----|----|
|               |     | 1                      | 2  | 3  | 4  | 5  | 6  | 7      | 8  | 9  | 10 | 11 | 12 |
| 70233-X96LF   | D   | 21                     | 21 | 21 | 21 | 21 | 21 | 21     | 21 | 21 | 21 | 21 | 21 |
|               | C   | 9                      | 9  | 9  | 9  | 9  | 9  | 9      | 9  | 9  | 9  | 9  | 9  |
|               | B   | 9                      | 9  | 9  | 9  | 9  | 9  | 9      | 9  | 9  | 9  | 9  | 9  |
|               | A   | 21                     | 21 | 21 | 21 | 21 | 21 | 21     | 21 | 21 | 21 | 21 | 21 |

| METRAL<br>P/N | ROW | CONTACT CODE<br>MOD. 1 |    |    |    |    |    | MOD. 2 |    |    |    |    |    |
|---------------|-----|------------------------|----|----|----|----|----|--------|----|----|----|----|----|
|               |     | 1                      | 2  | 3  | 4  | 5  | 6  | 7      | 8  | 9  | 10 | 11 | 12 |
| 70233-X97LF   | D   | 10                     | 10 | 10 | 10 | 10 | 10 | 10     | 10 | 10 | 10 | 10 | 10 |
|               | C   | 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 |
|               | A   | 11                     | 11 | 11 | 11 | 11 | 11 | 11     | 11 | 11 | 11 | 11 | 11 |

| METRAL<br>P/N | ROW | CONTACT CODE<br>MOD. 1 |    |    |    |    |    | MOD. 2 |    |    |    |    |    |
|---------------|-----|------------------------|----|----|----|----|----|--------|----|----|----|----|----|
|               |     | 1                      | 2  | 3  | 4  | 5  | 6  | 7      | 8  | 9  | 10 | 11 | 12 |
| 70233-X98LF   | D   | 9                      | 9  | 9  | 9  | 9  | 9  | 9      | 9  | 9  | 9  | 9  | 9  |
|               | C   | 9                      | 9  | 9  | 9  | 9  | 9  | 9      | 9  | 9  | 9  | 9  | 9  |
|               | B   | 11                     | 11 | 11 | 11 | 11 | 11 | 11     | 11 | 11 | 11 | 11 | 11 |
|               | A   | 9                      | 9  | 9  | 9  | 9  | 9  | 9      | 9  | 9  | 9  | 9  | 9  |

| METRAL<br>P/N | ROW | CONTACT CODE<br>MOD. 1 |    |    |    |    |    | MOD. 2 |    |    |    |    |    |
|---------------|-----|------------------------|----|----|----|----|----|--------|----|----|----|----|----|
|               |     | 1                      | 2  | 3  | 4  | 5  | 6  | 7      | 8  | 9  | 10 | 11 | 12 |
| 70233-X99LF   | D   | 11                     | 11 | 11 | 11 | 11 | 11 | 11     | 11 | 11 | 11 | 11 | 11 |
|               | C   | 10                     | 10 | 10 | 10 | 10 | 10 | 10     | 10 | 10 | 10 | 10 | 10 |
|               | B   | 10                     | 10 | 10 | 10 | 10 | 10 | 10     | 10 | 10 | 10 | 10 | 10 |
|               | A   | 10                     | 10 | 10 | 10 | 10 | 10 | 10     | 10 | 10 | 10 | 10 | 10 |

|               |  |                                       |  |      |  |                |  |              |  |                |  |                        |  |                        |  |               |  |       |  |     |  |
|---------------|--|---------------------------------------|--|------|--|----------------|--|--------------|--|----------------|--|------------------------|--|------------------------|--|---------------|--|-------|--|-----|--|
| spec ref      |  | *                                     |  | dr   |  | Terran Huang   |  | 2010/07/09   |  | projection     |  | MM                     |  | size                   |  | A4            |  | scale |  | 1:1 |  |
| tolerance std |  | TOLERANCES UNLESS OTHERWISE SPECIFIED |  | eng  |  | Narayanan, Aru |  | 2020/09/26   |  |                |  |                        |  | ecn no                 |  | ELX-I-38478-1 |  |       |  |     |  |
| ISO 406       |  |                                       |  | chr  |  | -              |  | -            |  |                |  |                        |  | rel level              |  | Released      |  |       |  |     |  |
| ISO 1101      |  |                                       |  | appr |  | Kuriakose, San |  | 2020/09/29   |  | product family |  | METRAL                 |  |                        |  |               |  |       |  |     |  |
| surface       |  | linear                                |  | 0.X  |  | ±0.3           |  | Amphenol FCI |  | title          |  | METRAL SIGNAL HEADER   |  | dwg no                 |  | 70233         |  | rev   |  | AL  |  |
|               |  |                                       |  | 0.XX |  | ±0.13          |  |              |  |                |  | 2 MOD, 4 ROW PRESS-FIT |  |                        |  |               |  |       |  |     |  |
| ISO 1302      |  | angular                               |  | 0°   |  | ±2°            |  |              |  | cat. no.       |  | -                      |  | Product - Customer Drw |  | sheet 8 of 9  |  |       |  |     |  |

| METRAL<br>P/N | ROW | CONTACT CODE<br>MOD. 1 |   |   |   |   |   | MOD. 2 |   |   |    |    |    |
|---------------|-----|------------------------|---|---|---|---|---|--------|---|---|----|----|----|
|               |     | 1                      | 2 | 3 | 4 | 5 | 6 | 7      | 8 | 9 | 10 | 11 | 12 |
| 70233-X100LF  | D   | 7                      | 6 | 6 | 6 | 6 | 6 | 6      | 6 | 6 | 6  | 6  | 6  |
|               | C   | 7                      | 6 | 6 | 6 | 6 | 6 | 6      | 6 | 6 | 6  | 6  | 6  |
|               | B   | 20                     | 6 | 6 | 6 | 6 | 6 | 6      | 6 | 6 | 6  | 6  | 6  |
|               | A   | 7                      | 6 | 6 | 6 | 6 | 6 | 6      | 6 | 6 | 6  | 6  | 6  |

| METRAL<br>P/N | ROW | CONTACT CODE<br>MOD. 1 |   |   |   |   |   | MOD. 2 |   |   |    |    |    |
|---------------|-----|------------------------|---|---|---|---|---|--------|---|---|----|----|----|
|               |     | 1                      | 2 | 3 | 4 | 5 | 6 | 7      | 8 | 9 | 10 | 11 | 12 |
| 70233-X104LF  | D   | 7                      | 6 | 6 | 6 | 6 | 6 | 6      | 6 | 6 | 6  | 6  | 6  |
|               | C   | 7                      | 6 | 6 | 6 | 6 | 6 | 6      | 6 | 6 | 6  | 6  | 6  |
|               | B   | 20                     | 6 | 6 | 6 | 6 | 6 | 6      | 6 | 6 | 6  | 6  | 6  |
|               | A   | 7                      | 6 | 6 | 6 | 6 | 6 | 6      | 6 | 6 | 6  | 6  | 6  |



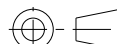
| METRAL<br>P/N | ROW | CONTACT CODE<br>MOD. 1 |   |   |   |   |   | MOD. 2 |   |   |    |    |    |
|---------------|-----|------------------------|---|---|---|---|---|--------|---|---|----|----|----|
|               |     | 1                      | 2 | 3 | 4 | 5 | 6 | 7      | 8 | 9 | 10 | 11 | 12 |
| 70233-X101LF  | D   | 7                      | 6 | 5 | 5 | 5 | 5 | 5      | 5 | 5 | 5  | 7  | 5  |
|               | C   | 7                      | 6 | 5 | 5 | 5 | 5 | 5      | 5 | 5 | 5  | 7  | 5  |
|               | B   | 20                     | 6 | 5 | 5 | 5 | 5 | 5      | 5 | 5 | 5  | 7  | 5  |
|               | A   | 7                      | 6 | 5 | 5 | 5 | 5 | 5      | 5 | 5 | 5  | 7  | 5  |

| METRAL<br>P/N | ROW | CONTACT CODE<br>MOD. 1 |   |   |   |   |   | MOD. 2 |   |   |    |    |    |
|---------------|-----|------------------------|---|---|---|---|---|--------|---|---|----|----|----|
|               |     | 1                      | 2 | 3 | 4 | 5 | 6 | 7      | 8 | 9 | 10 | 11 | 12 |
| 70233-X105LF  | D   | 2                      | 1 | 1 | 2 | 2 | 2 | 1      | 1 | 2 | 2  | 2  | 3  |
|               | C   | 2                      | 1 | 1 | 2 | 2 | 2 | 1      | 1 | 2 | 2  | 2  | 3  |
|               | B   | 2                      | 1 | 1 | 2 | 2 | 2 | 2      | 2 | 2 | 4  | 4  | 19 |
|               | A   | 2                      | 1 | 1 | 2 | 2 | 2 | 2      | 2 | 2 | 2  | 2  | 3  |



| METRAL<br>P/N | ROW | CONTACT CODE<br>MOD. 1 |   |   |   |   |   | MOD. 2 |   |   |    |    |    |
|---------------|-----|------------------------|---|---|---|---|---|--------|---|---|----|----|----|
|               |     | 1                      | 2 | 3 | 4 | 5 | 6 | 7      | 8 | 9 | 10 | 11 | 12 |
| 70233-X102LF  | D   | 1                      | 1 | 1 | 1 | 1 | 2 | 2      | 1 | 1 | 2  | 2  | 3  |
|               | C   | 1                      | 1 | 1 | 1 | 1 | 2 | 2      | 1 | 1 | 2  | 2  | 3  |
|               | B   | 1                      | 1 | 1 | 1 | 1 | 2 | 2      | 1 | 1 | 4  | 4  | 19 |
|               | A   | 1                      | 1 | 1 | 1 | 1 | 2 | 2      | 1 | 1 | 2  | 2  | 3  |

| METRAL<br>P/N | ROW | CONTACT CODE<br>MOD. 1 |   |   |   |   |   | MOD. 2 |   |   |    |    |    |
|---------------|-----|------------------------|---|---|---|---|---|--------|---|---|----|----|----|
|               |     | 1                      | 2 | 3 | 4 | 5 | 6 | 7      | 8 | 9 | 10 | 11 | 12 |
| 70233-X103LF  | D   | 2                      | 2 | 2 | 2 | 2 | 3 | 3      | 4 | 2 | 2  | 2  | 2  |
|               | C   | 2                      | 2 | 2 | 2 | 2 | 3 | 3      | 4 | 2 | 2  | 2  | 2  |
|               | B   | 2                      | 2 | 2 | 2 | 2 | 3 | 3      | 4 | 2 | 2  | 2  | 2  |
|               | A   | 2                      | 2 | 2 | 2 | 2 | 3 | 3      | 4 | 2 | 2  | 2  | 2  |

|                                      |                                       |       |        |                 |                |                                                |                                                                                                     |                                                                                             |                |               |        |           |    |
|--------------------------------------|---------------------------------------|-------|--------|-----------------|----------------|------------------------------------------------|-----------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------|----------------|---------------|--------|-----------|----|
| spec ref                             | *                                     |       |        | dr              | Terran Huang   | 2010/07/09                                     | projection<br> | MM<br> | size           | A4            | scale  | 1:1       |    |
| tolerance std<br>ISO 406<br>ISO 1101 | TOLERANCES UNLESS OTHERWISE SPECIFIED |       |        | eng             | Narayanan, Aru | 2020/09/26                                     |                                                                                                     |                                                                                             | ec n no        | ELX-I-38478-1 |        |           |    |
|                                      |                                       |       |        | chr             | -              | -                                              |                                                                                                     |                                                                                             |                |               |        |           |    |
|                                      |                                       |       |        | appr            | Kuriakose, San | 2020/09/29                                     |                                                                                                     |                                                                                             | product family |               | METRAL | rel level |    |
| surface<br>ISO 1302                  | linear<br>✓                           | 0.X   | ±0.3   | Amphenol<br>FCi | title          | METRAL SIGNAL HEADER<br>2 MOD, 4 ROW PRESS-FIT |                                                                                                     |                                                                                             | dwg no         | 70233         |        | rev       | AL |
|                                      |                                       | 0.XX  | ±0.13  |                 |                |                                                |                                                                                                     |                                                                                             |                |               |        |           |    |
|                                      |                                       | 0.XXX | ±0.051 |                 |                |                                                |                                                                                                     |                                                                                             |                |               |        |           |    |
|                                      | angular                               | 0°    | ±2°    |                 | cat. no.       | -                                              | Product - Customer Drw                                                                              |                                                                                             |                | sheet 9 of 9  |        |           |    |

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