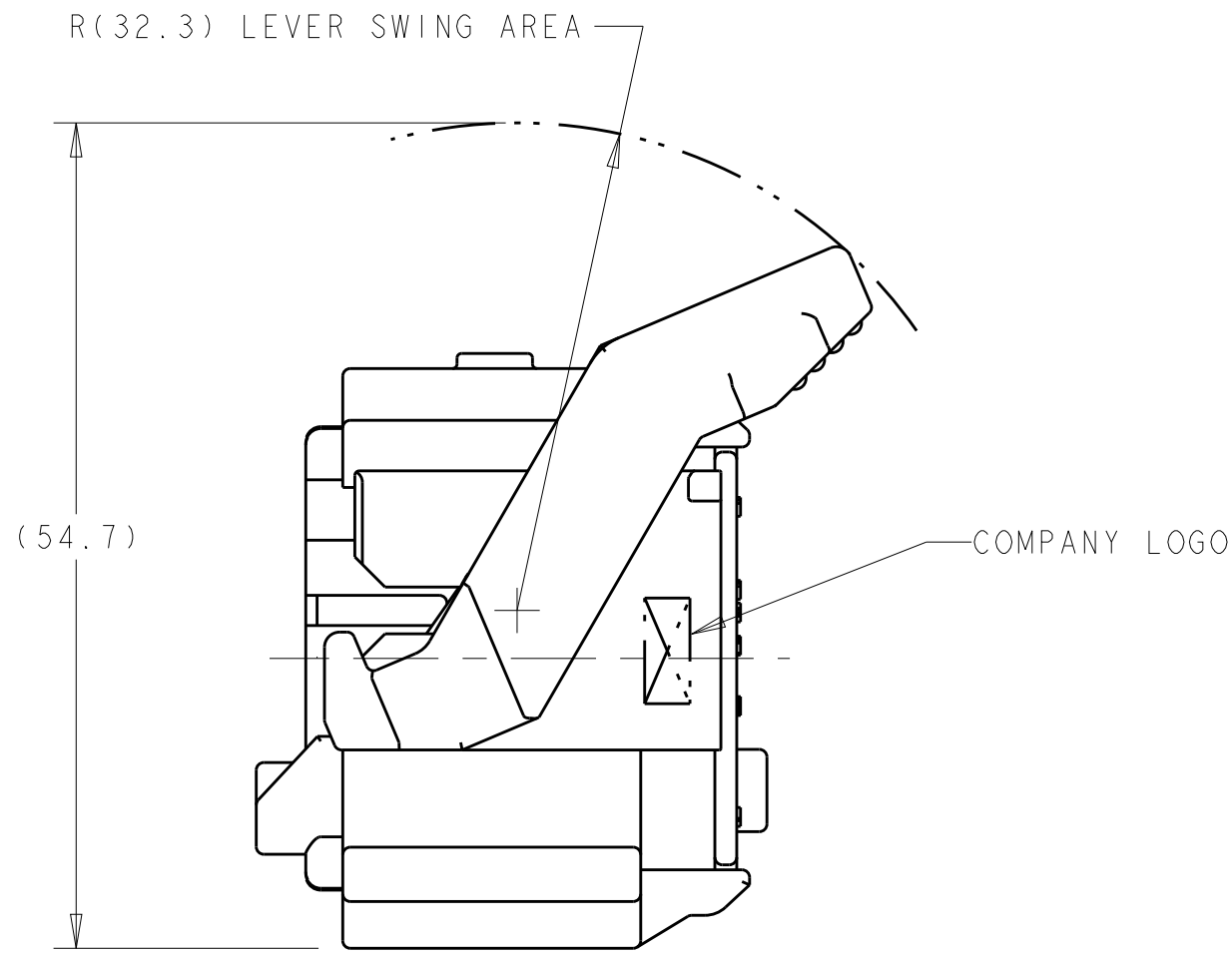


| REVISIONS |     |                           |           |     |      |
|-----------|-----|---------------------------|-----------|-----|------|
| P         | LTR | DESCRIPTION               | DATE      | DWN | APVD |
| A15       |     | REVISED PER ECO-11-002569 | 25FEB2011 | DLD | DCM  |
| A16       |     | REVISED PER ECO-14-011102 | 22JUL2014 | DLD | DCM  |
|           |     |                           |           |     |      |
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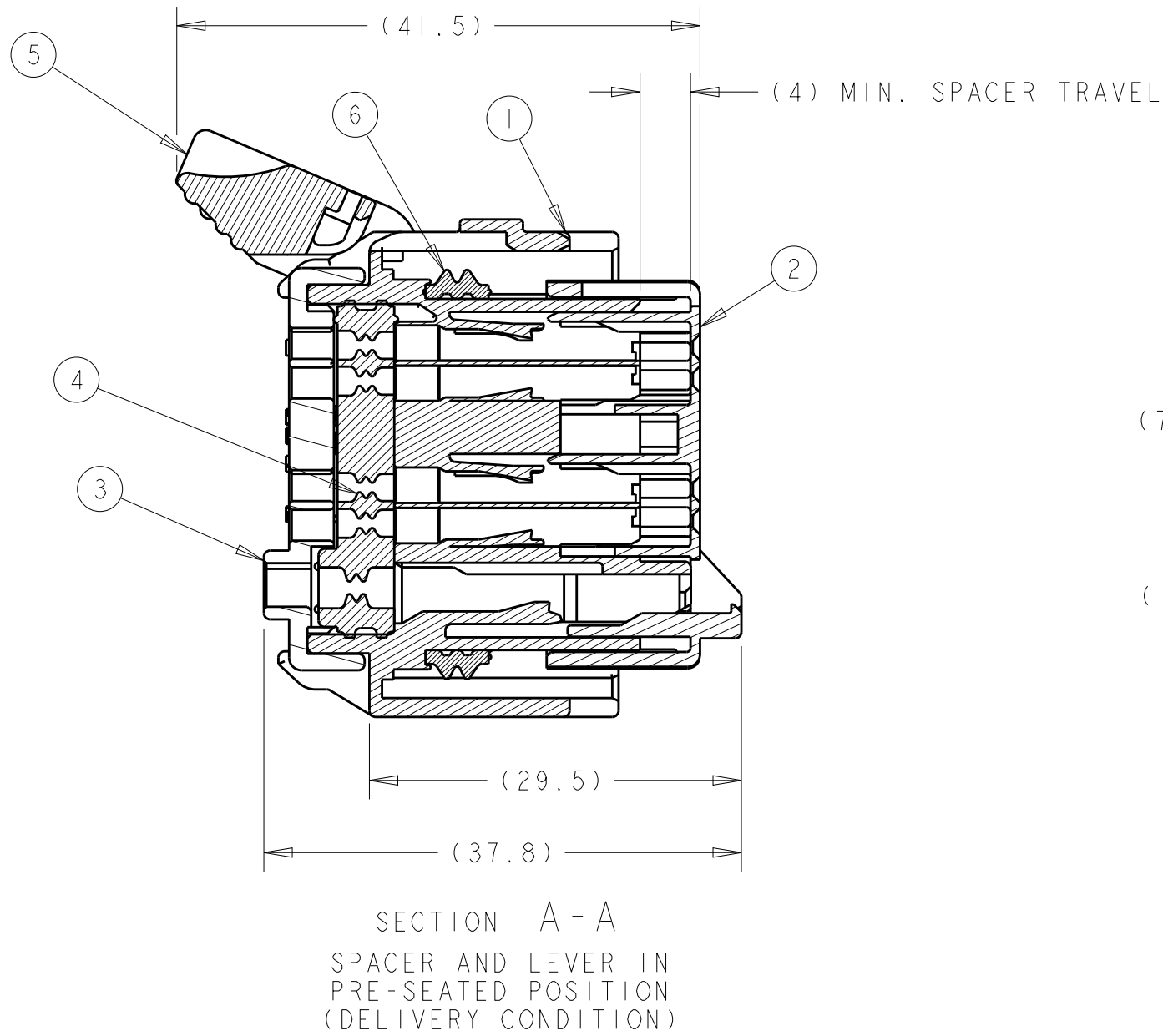


PART NUMBER:  
1438691-1  
SHOWN WITH SPACER  
IN SEATED POSITION  
SCALE 2:1

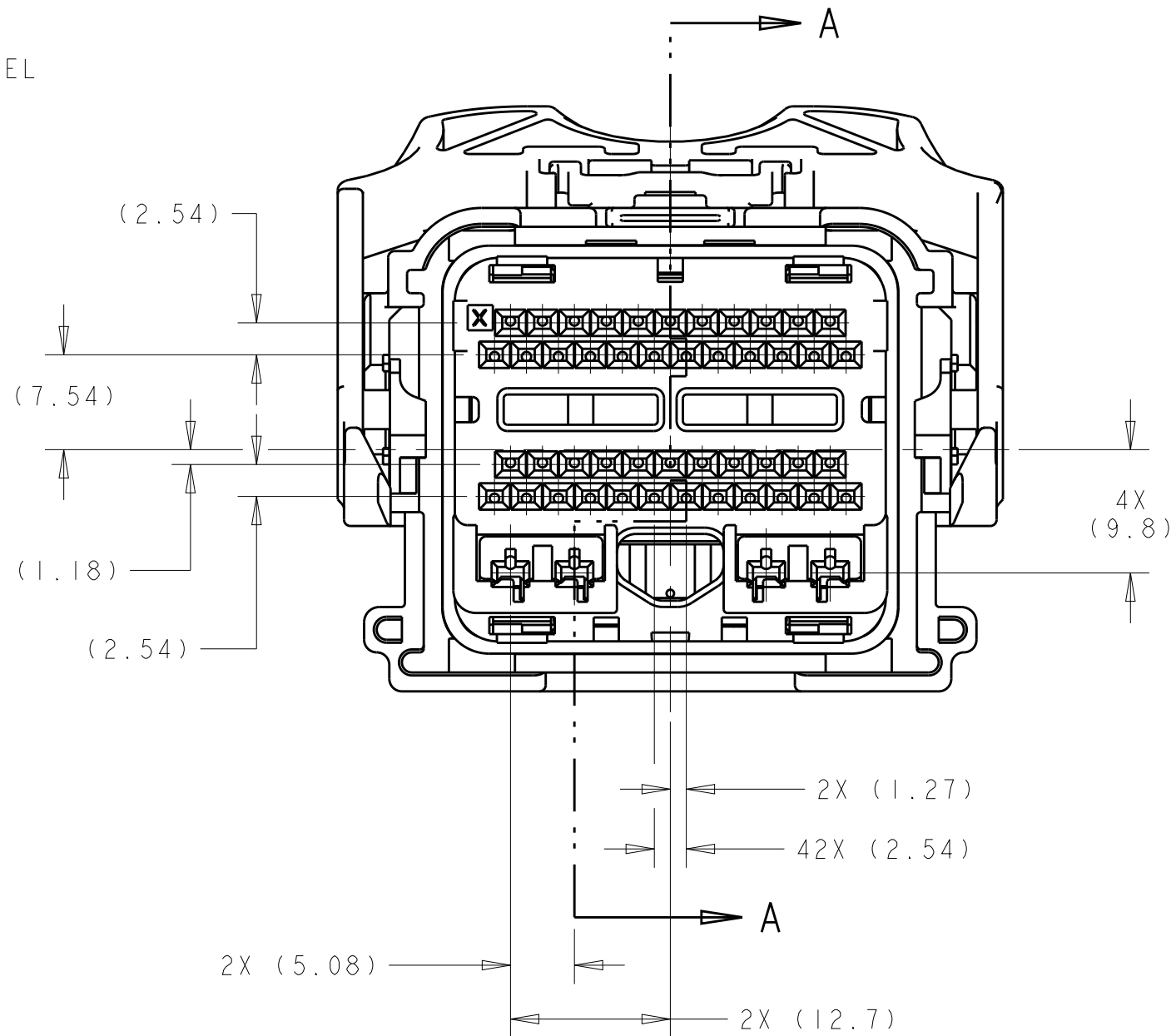


SHOWN WITH SPACER IN SEATED POSITION

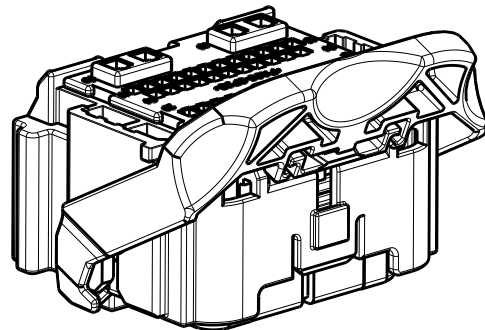
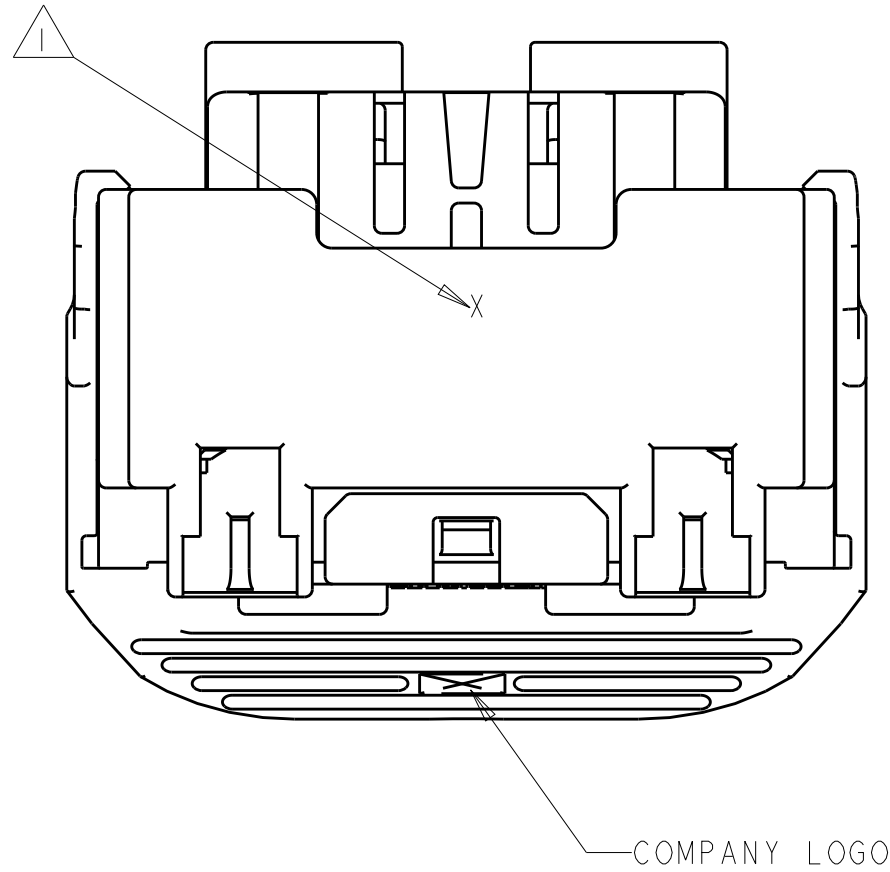
- ⚠️ PRINT TE PART NUMBER AND TRACEABILITY (YY : 2 DIGIT YEAR, JJJ = JULIAN DATE, HH = 2 DIGIT MILITARY HOUR CODE) IN THE LOCATION AT ASSEMBLY.
- ⚠️ OPTIONAL WIRE SHIELD PART NUMBERS (SOLD SEPARATELY) 1438126, 1438180, 1488373, AND 1488572. CONTACT TE ENGINEERING FOR MINIMUM FEED THRU CONDITION.
3. APPLICABLE TERMINAL PART NUMBERS (SOLD SEPARATELY) FOR TIN APPLICATIONS: 1393367 AND 1393366. FOR GOLD APPLICATIONS: 1393365 AND 1393364 FOR TERMINATION AND REELING OPTIONS SEE DRAWINGS 1393367, 1393366, 1393365, AND 1393364.
4. APPLICABLE MOLEX (1.5) POWER TERMINAL PART NUMBERS: 33012-0002 TIN 0.50-1.50mm<sup>2</sup>
5. CAM LEVER AND SPACER ARE SHIPPED IN THEIR PRE-ASSEMBLED POSITIONS.
6. REFERENCE TE INSTRUCTION SHEET 408-8893.



SECTION A-A  
SPACER AND LEVER IN  
PRE-SEATED POSITION  
(DELIVERY CONDITION)



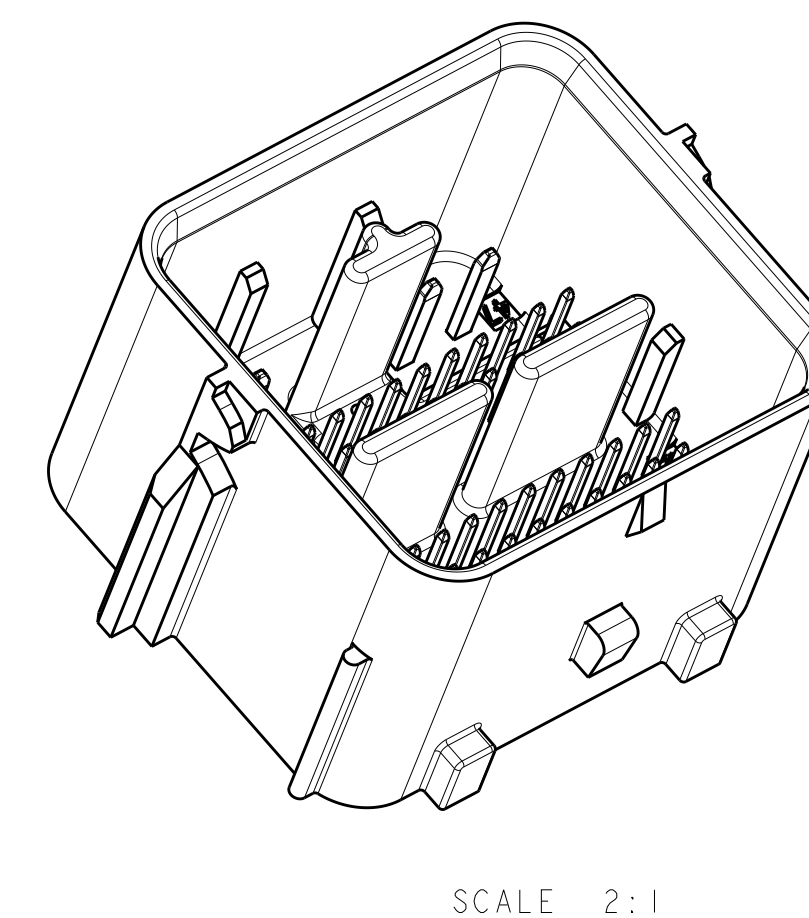
SHOWN WITH CAM  
LEVER AND SPACER  
IN LOADED POSITION



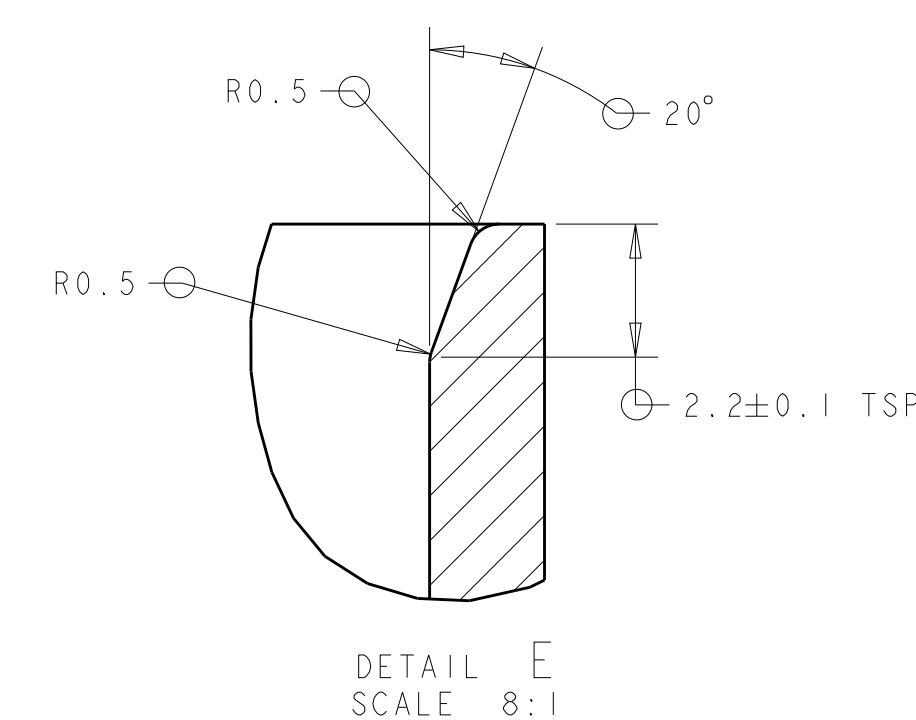
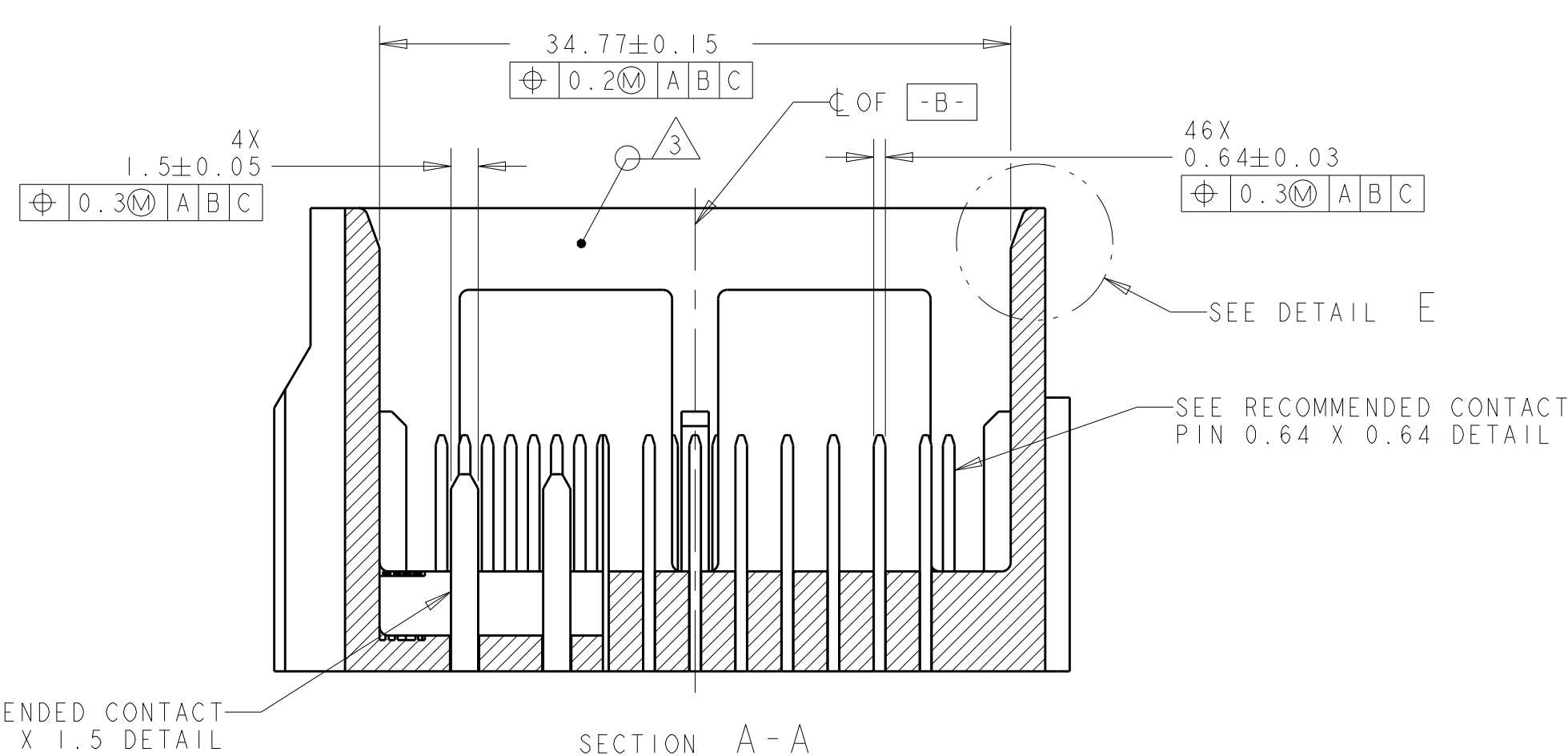
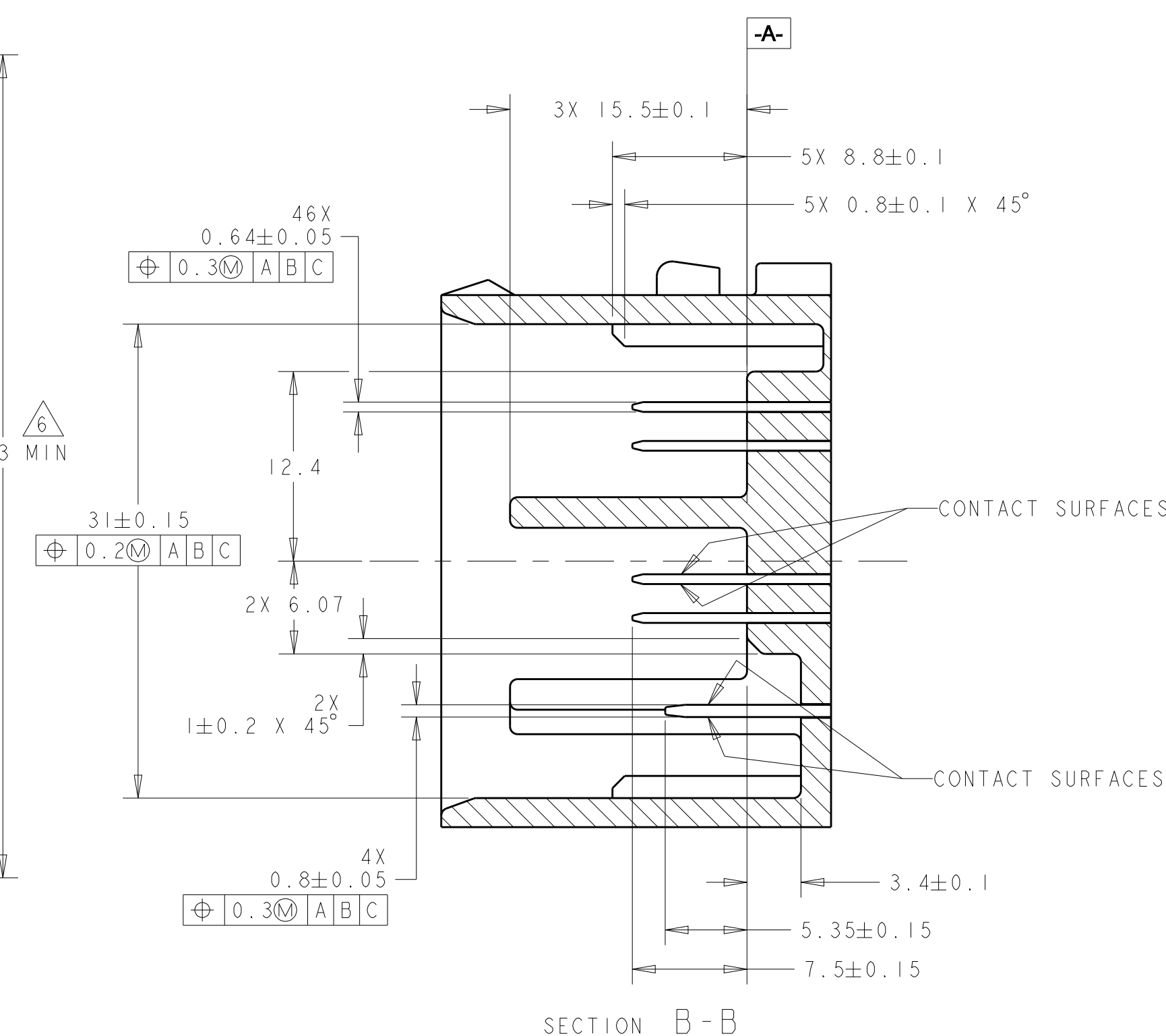
SCALE 1:1

|            |                  |          |
|------------|------------------|----------|
| GREEN      | PERIMETER SEAL   | 6        |
| GRAY       | LEVER            | 5        |
| BROWN      | GROMMET SEAL     | 4        |
| BLACK      | COVER            | 3        |
| RED        | SPACER           | 2        |
| BLACK      | HARNESS, KEY "A" | 1        |
| PART COLOR | DESCRIPTION      | ITEM NO. |

|                                        |  |                            |                                                                                 |                    |
|----------------------------------------|--|----------------------------|---------------------------------------------------------------------------------|--------------------|
| THIS DRAWING IS A CONTROLLED DOCUMENT. |  | DWN B. CRISAMORE 21JUL2004 | NAME<br><b>TE</b> TE Connectivity<br>ASSEMBLY,<br>50-WAY, KEY A,<br>PCM HARNESS |                    |
| DIMENSIONS:                            |  | CHK M. HITCHCOCK 21JUL2004 |                                                                                 |                    |
| mm                                     |  | APVD C. MARTIN 21JUL2004   |                                                                                 |                    |
| TOLERANCES UNLESS OTHERWISE SPECIFIED: |  | PRODUCT SPEC               |                                                                                 |                    |
| 0 PLC ±.3                              |  | APPLICATION SPEC           | SIZE CAGE CODE DRAWING NO<br>A100779C=1438691                                   | RESTRICTED TO<br>- |
| 1 PLC ±0.10                            |  | WEIGHT                     |                                                                                 |                    |
| 2 PLC ±.10                             |  | Customer Drawing           |                                                                                 |                    |
| 3 PLC ±.                               |  |                            |                                                                                 |                    |
| 4 PLC ±.                               |  |                            |                                                                                 |                    |
| ANGLES ±1°                             |  |                            |                                                                                 |                    |
| FINISH                                 |  |                            |                                                                                 |                    |
| MATERIAL                               |  |                            |                                                                                 |                    |
| -                                      |  |                            |                                                                                 |                    |
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 TERMINAL POSITION IDENTIFICATION.

4805 (3/13)

|                              |   |                          |   |                      |   |   |   |
|------------------------------|---|--------------------------|---|----------------------|---|---|---|
| 8                            | 7 | 6                        | 5 | 4                    | 3 | 2 | 1 |
| THIS DRAWING IS UNPUBLISHED. |   | RELEASED FOR PUBLICATION |   | 20                   |   |   |   |
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| REVISIONS |      |             |      |     |      |
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KEYING OPTION A

|                 |                                                                    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |             |             |             |             |             |                      |   |             |             |             |
|-----------------|--------------------------------------------------------------------|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|-------------|-------------|-------------|-------------|-------------|----------------------|---|-------------|-------------|-------------|
| KEYING OPTION A |                                                                    |    |    |    | 46 | 45 | 44 | 43 | 42 | 41 |    | 39 | 38 | 37 | 36 | 35 |    | 33 | 32 |    |    |    |    |    |    |    |    |    |    |    | 23 | 22 | 21 |    | 19 | 18 | 17 |    |    |    |    |    |    |    |    | 6  | 5           | 4           | 3           | 2           |             | 9-1438691-8          |   |             |             |             |
|                 |                                                                    |    |    |    | 46 | 45 | 44 | 43 |    | 41 | 40 | 39 | 38 | 37 | 36 |    |    | 32 | 31 |    |    |    |    |    |    |    |    |    |    |    |    | 23 | 22 | 21 | 20 | 19 |    | 17 |    | 15 |    |    |    |    |    | 5  | 4           | 3           | 2           |             | 9-1438691-7 |                      |   |             |             |             |
|                 |                                                                    |    |    |    | 46 | 45 | 44 | 43 |    | 41 |    | 39 | 38 | 37 | 36 |    |    | 33 | 32 |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    | 5  |    | 3  | 2           |             | 9-1438691-6 |             |             |                      |   |             |             |             |
|                 |                                                                    |    |    |    | 47 | 46 | 45 | 44 | 43 |    | 41 | 40 | 39 | 38 | 37 | 36 |    |    | 33 | 32 |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    | 5  |    | 3  | 2  |             | 9-1438691-5 |             |             |             |                      |   |             |             |             |
|                 |                                                                    |    |    |    | 47 | 46 | 45 | 44 | 43 |    |    | 40 | 39 |    | 37 | 36 |    |    | 33 | 32 |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    | 5  |    | 3  | 2           |             | 9-1438691-4 |             |             |                      |   |             |             |             |
|                 |                                                                    |    |    |    | 46 | 45 | 44 | 43 | 42 | 41 |    | 39 | 38 | 37 | 36 |    |    |    | 33 | 32 |    |    |    |    |    |    |    |    |    |    |    |    | 23 | 22 | 21 | 20 |    | 18 |    |    |    |    |    |    |    |    | 5           | 4           | 3           | 2           |             | 9-1438691-3          |   |             |             |             |
|                 |                                                                    |    | 48 | 47 | 46 | 45 | 44 | 43 | 42 | 41 |    | 39 | 38 | 37 | 36 |    |    |    | 33 | 32 |    |    |    |    |    |    |    |    |    |    |    |    | 23 | 22 | 21 | 20 |    | 18 |    |    |    |    |    |    |    | 5  | 4           | 3           | 2           |             | 9-1438691-2 |                      |   |             |             |             |
|                 |                                                                    |    |    |    | 46 | 45 | 44 | 43 | 42 | 41 | 40 | 39 | 38 | 37 | 36 |    |    |    | 33 | 32 |    |    |    |    |    |    |    |    |    |    |    |    | 23 | 22 | 21 | 20 |    | 18 |    |    |    |    |    |    |    | 5  | 4           | 3           | 2           |             | 9-1438691-1 |                      |   |             |             |             |
|                 |                                                                    |    | 48 | 47 | 46 | 45 | 44 | 43 | 42 | 41 | 40 | 39 | 38 | 37 | 36 |    |    |    | 33 | 32 |    |    |    |    |    |    |    |    |    |    |    |    | 23 | 22 | 21 | 20 |    | 18 |    |    |    |    |    |    |    | 5  | 4           | 3           | 2           |             | 9-1438691-0 |                      |   |             |             |             |
|                 |                                                                    |    |    | 47 | 46 | 45 | 44 | 43 |    |    | 40 | 39 |    | 37 | 36 |    |    |    | 33 | 32 |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    | 5  |    | 3  | 2           |             | 8-1438691-9 |             |             |                      |   |             |             |             |
|                 |                                                                    |    |    | 47 | 46 | 45 | 44 | 43 |    | 41 | 40 | 39 | 38 | 37 | 36 |    |    |    | 33 | 32 |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    | 5  |    | 3  | 2  |             | 8-1438691-8 |             |             |             |                      |   |             |             |             |
|                 |                                                                    |    |    |    | 46 | 45 | 44 | 43 |    | 41 |    | 39 | 38 | 37 | 36 |    |    |    | 33 | 32 |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    | 5  |    | 3  | 2           |             | 8-1438691-7 |             |             |                      |   |             |             |             |
|                 |                                                                    |    | 48 | 47 | 46 | 45 | 44 | 43 |    | 41 |    | 39 | 38 | 37 | 36 |    |    |    | 33 | 32 |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    | 5  |    | 3  | 2  |             | 8-1438691-6 |             |             |             |                      |   |             |             |             |
|                 |                                                                    |    | 48 | 47 | 46 | 45 | 44 | 43 | 42 | 41 |    | 39 | 38 | 37 | 36 | 35 | 34 |    | 33 | 32 |    |    | 29 | 28 |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    | 6  | 5  | 4  | 3           | 2           |             | 8-1438691-5 |             |                      |   |             |             |             |
|                 |                                                                    |    | 48 | 47 | 46 | 45 | 44 | 43 | 42 | 41 |    | 39 | 38 | 37 | 36 | 35 |    |    | 33 | 32 |    |    | 29 | 28 |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    | 6  | 5  | 4  |             |             |             |             | 8-1438691-4 |                      |   |             |             |             |
|                 |                                                                    |    |    |    | 46 | 45 | 44 | 43 | 42 | 41 |    | 39 | 38 | 37 |    | 35 |    |    | 33 | 32 |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    | 6  | 5  | 4  | 3           | 2           |             | 8-1438691-3 |             |                      |   |             |             |             |
|                 |                                                                    |    |    |    | 46 | 45 | 44 | 43 | 42 | 41 |    | 39 | 38 | 37 |    | 35 |    |    |    | 32 |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    | 6  | 5  | 4  | 3           | 2           |             | 8-1438691-2 |             |                      |   |             |             |             |
|                 |                                                                    |    |    |    | 46 | 45 | 44 | 43 | 42 | 41 |    | 39 | 38 | 37 | 36 | 35 |    |    |    | 32 |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    | 6  | 5  | 4  | 3  | 2           |             | 8-1438691-1 |             |             |                      |   |             |             |             |
|                 |                                                                    |    |    |    | 46 | 45 | 44 | 43 | 42 | 41 | 40 | 39 | 38 | 37 | 36 | 35 |    |    | 33 | 32 |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    | 6  | 5  | 4  |    |    |             |             | 8-1438691-0 |             |             |                      |   |             |             |             |
|                 |                                                                    |    |    |    | 46 | 45 | 44 | 43 | 42 | 41 |    | 39 | 38 | 37 | 36 | 35 |    |    | 33 | 32 |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    | 6  | 5  | 4  |    |    |             |             | 7-1438691-9 |             |             |                      |   |             |             |             |
|                 |                                                                    |    |    |    | 46 | 45 | 44 | 43 | 42 | 41 | 40 | 39 | 38 | 37 | 36 | 35 |    |    | 33 | 32 |    |    | 29 | 28 |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    | 6  | 5  | 4  | 3  | 2  |    | 7-1438691-8 |             |             |             |             |                      |   |             |             |             |
|                 |                                                                    |    |    | 46 |    |    | 43 | 42 | 41 | 40 | 39 | 38 | 37 | 36 | 35 |    |    | 33 | 32 |    |    | 29 | 28 |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    | 13 |    |    |    | 6  | 5  | 4           | 3           | 2           |             | 7-1438691-7 |                      |   |             |             |             |
|                 |                                                                    |    |    | 46 | 45 | 44 | 43 |    | 41 | 40 | 39 | 38 | 37 | 36 | 35 |    |    | 33 | 32 | 31 |    | 29 | 28 |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    | 13 |    |    |    | 6  | 5  |             | 3           | 2           |             | 7-1438691-6 |                      |   |             |             |             |
|                 |                                                                    |    |    | 46 |    |    | 43 |    | 41 | 40 | 39 | 38 | 37 | 36 | 35 |    |    | 33 | 32 | 31 |    | 29 | 28 |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    | 13 |    |    |    | 6  | 5           |             | 3           | 2           |             | 7-1438691-5          |   |             |             |             |
|                 |                                                                    |    |    | 46 | 45 | 44 | 43 | 42 | 41 | 40 | 39 | 38 | 37 | 36 | 35 | 34 |    | 33 | 32 | 31 |    | 29 | 28 |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    | 14 | 13 | 12 | 11 |             |             |             | 6           | 5           | 4                    | 3 | 2           |             | 7-1438691-4 |
|                 |                                                                    |    |    |    | 45 | 44 | 43 | 42 | 41 | 40 | 39 | 38 | 37 |    | 35 | 34 | 33 | 32 | 31 |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    | 11 | 9           | 7           | 6           |             | 4           | 3                    | 2 | 1           | 7-1438691-3 |             |
|                 | CAVITIES WITH A NUMERIC SYMBOL INDICATES CLOSED TERMINAL LOCATIONS |    |    |    | 45 |    | 43 | 42 | 41 | 40 | 39 | 38 | 37 |    | 35 | 34 | 33 | 32 | 31 |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    | 11          | 9           | 7           | 6           |             | 4                    | 3 | 2           | 1           | 7-1438691-2 |
|                 |                                                                    |    |    |    | 45 | 44 | 43 | 42 | 41 | 40 | 39 | 38 | 37 | 36 | 35 | 34 | 33 | 32 | 31 |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    | 11 | 9           | 7           | 6           |             | 4           | 3                    | 2 | 1           | 7-1438691-1 |             |
|                 | BLANK CAVITIES INDICATES OPEN TERMINAL HOLE LOCATIONS              |    |    |    | 45 |    | 43 | 42 | 41 | 40 | 39 | 38 | 37 |    | 35 | 34 | 33 | 32 | 31 |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    | 11          | 9           | 7           | 6           |             | 4                    | 3 | 2           | 1           | 7-1438691-0 |
|                 |                                                                    |    |    |    | 45 | 44 | 43 | 42 | 41 | 40 | 39 | 38 | 37 | 36 | 35 | 34 | 33 | 32 | 31 |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    | 11 | 9  | 7           | 6           |             | 4           | 3           | 2                    | 1 | 6-1438691-9 |             |             |
|                 | TERMINAL HOLE POSITION                                             | 50 | 49 | 48 | 47 | 46 | 45 | 44 | 43 | 42 | 41 | 40 | 39 | 38 | 37 | 36 | 35 | 34 | 33 | 32 | 31 | 30 | 29 | 28 | 27 | 26 | 25 | 24 | 23 | 22 | 21 | 20 | 19 | 18 | 17 | 16 | 15 | 14 | 13 | 12 | 11 | 10 | 9  | 8  | 7  | 6  | 5           | 4           | 3           | 2           | 1           | ASSEMBLY PART NUMBER |   |             |             |             |
|                 | PIN-OUT CHART                                                      |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |             |             |             |             |             |                      |   |             |             |             |

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4 PLC ±  
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