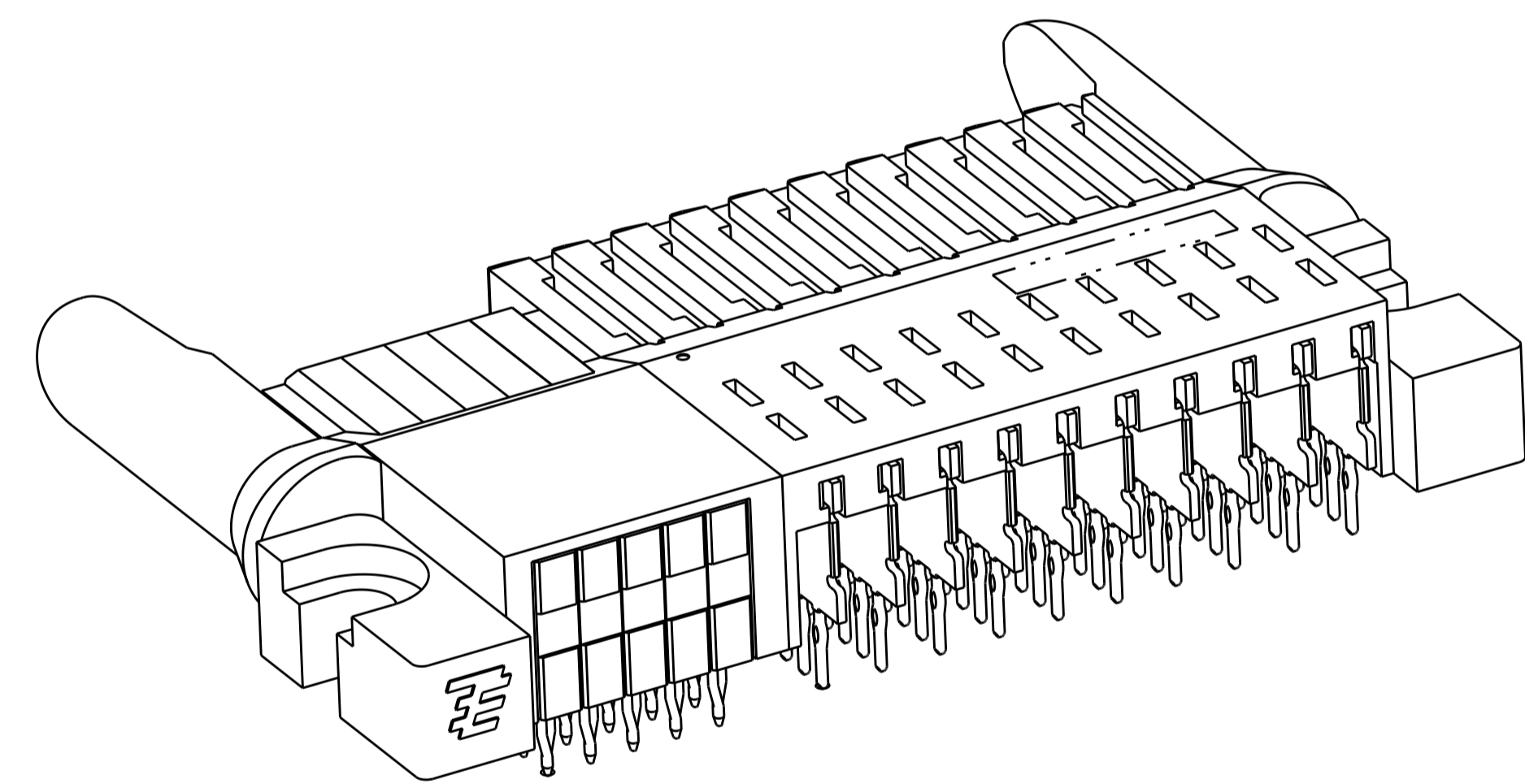
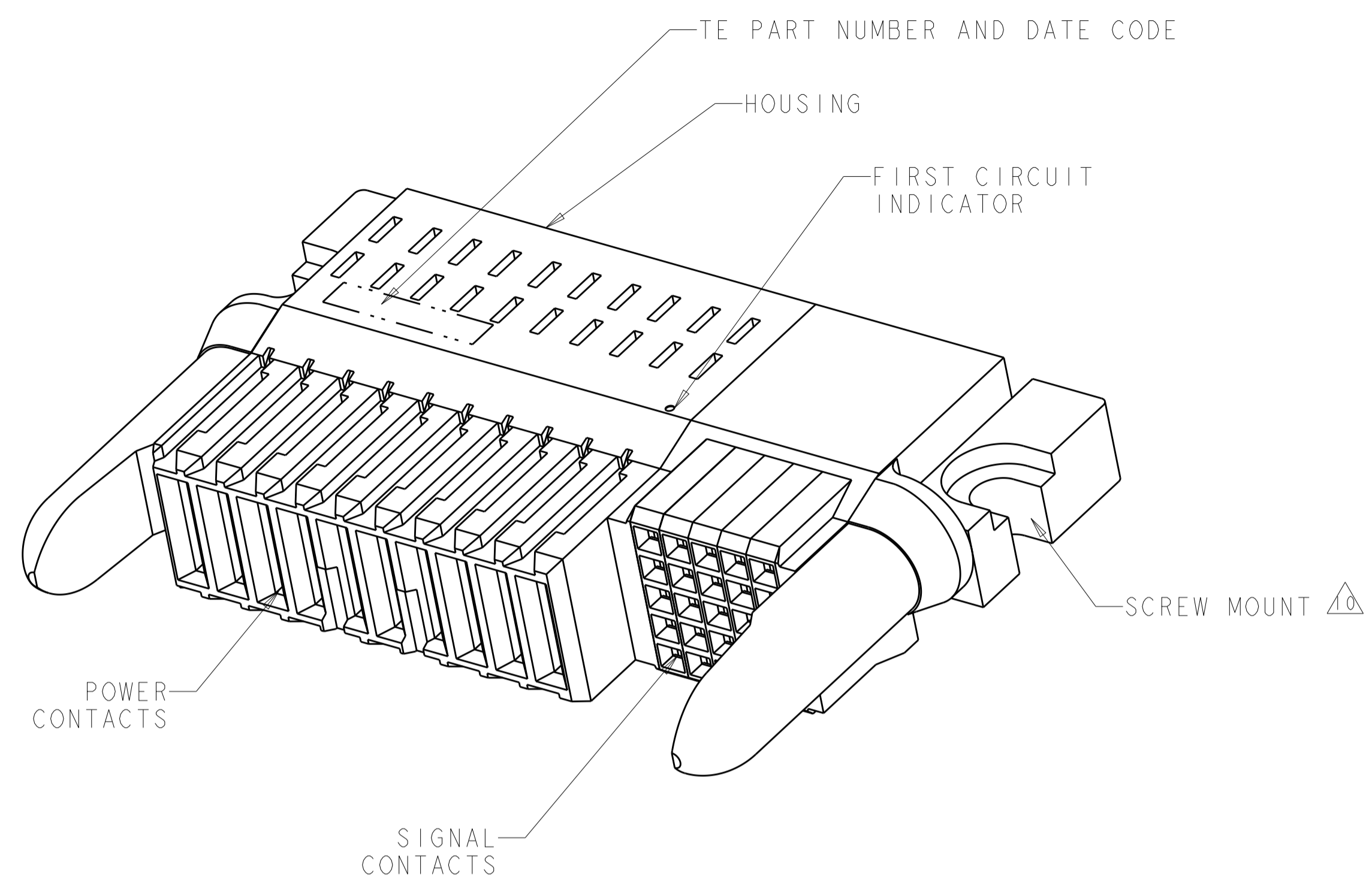


| LOC | DIST | REVISIONS |     |                       |           |     |      |
|-----|------|-----------|-----|-----------------------|-----------|-----|------|
|     |      | P         | LTN | DESCRIPTION           | DATE      | OWN | APVD |
| AA  | 00   |           |     |                       |           |     |      |
|     |      | A2        |     | REV PER ECO-13-015117 | 16SEP2013 | OL  | SZ   |
|     |      | A3        |     | ADD NEW PART 6--2     | 18NOV2013 | OL  | SZ   |
|     |      | A4        |     | ECR-15-001425         | 19JAN2015 | SZ  | SZ   |



**2-1926739-5 SHOWN**

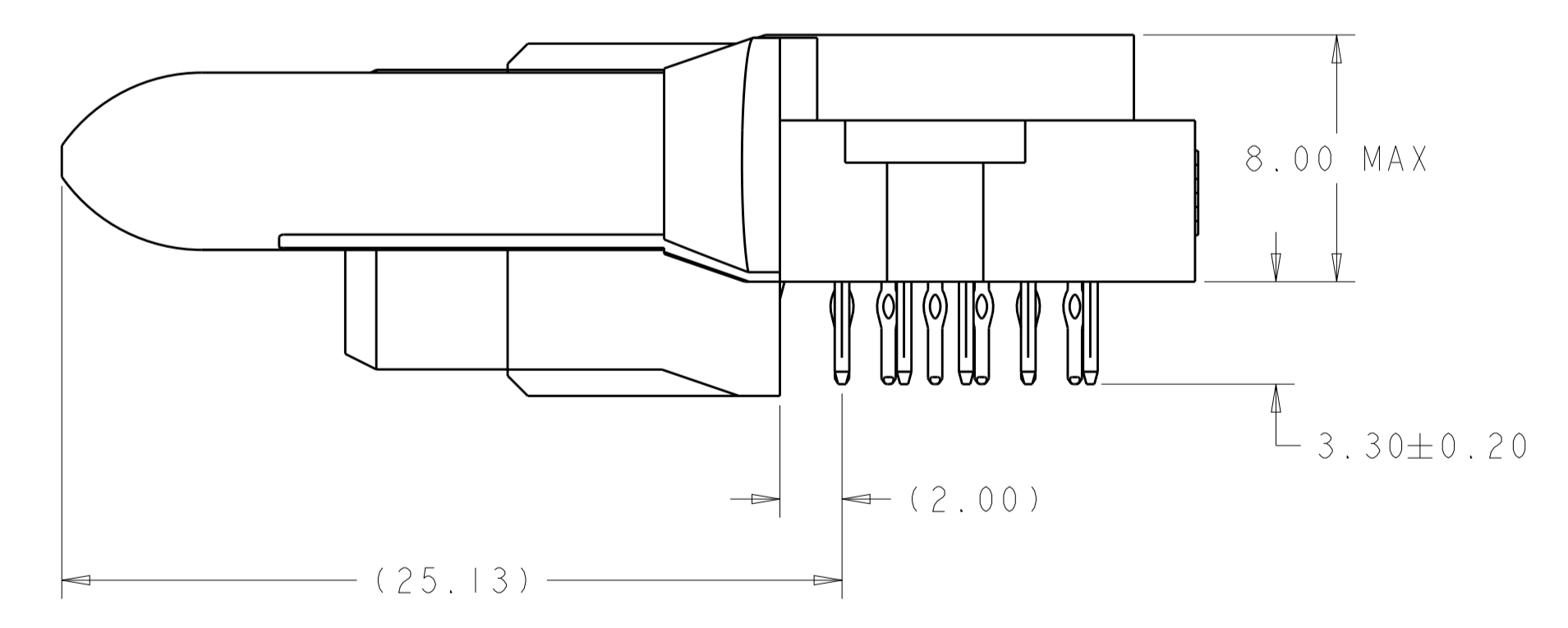
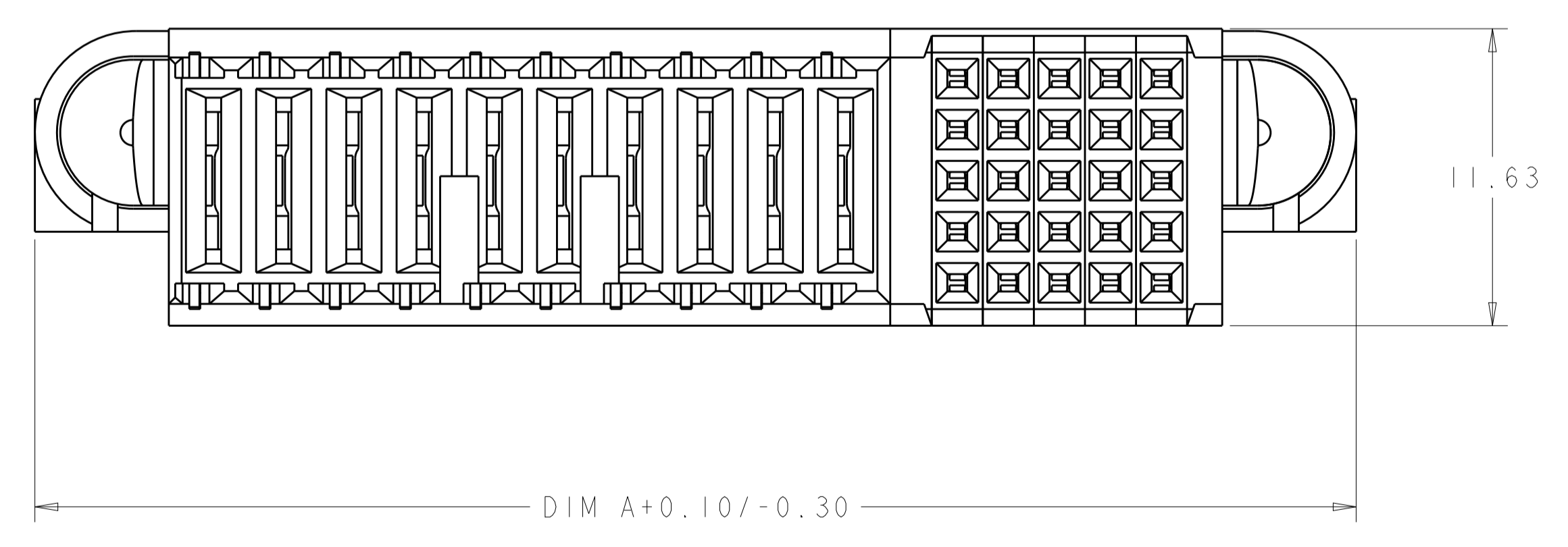
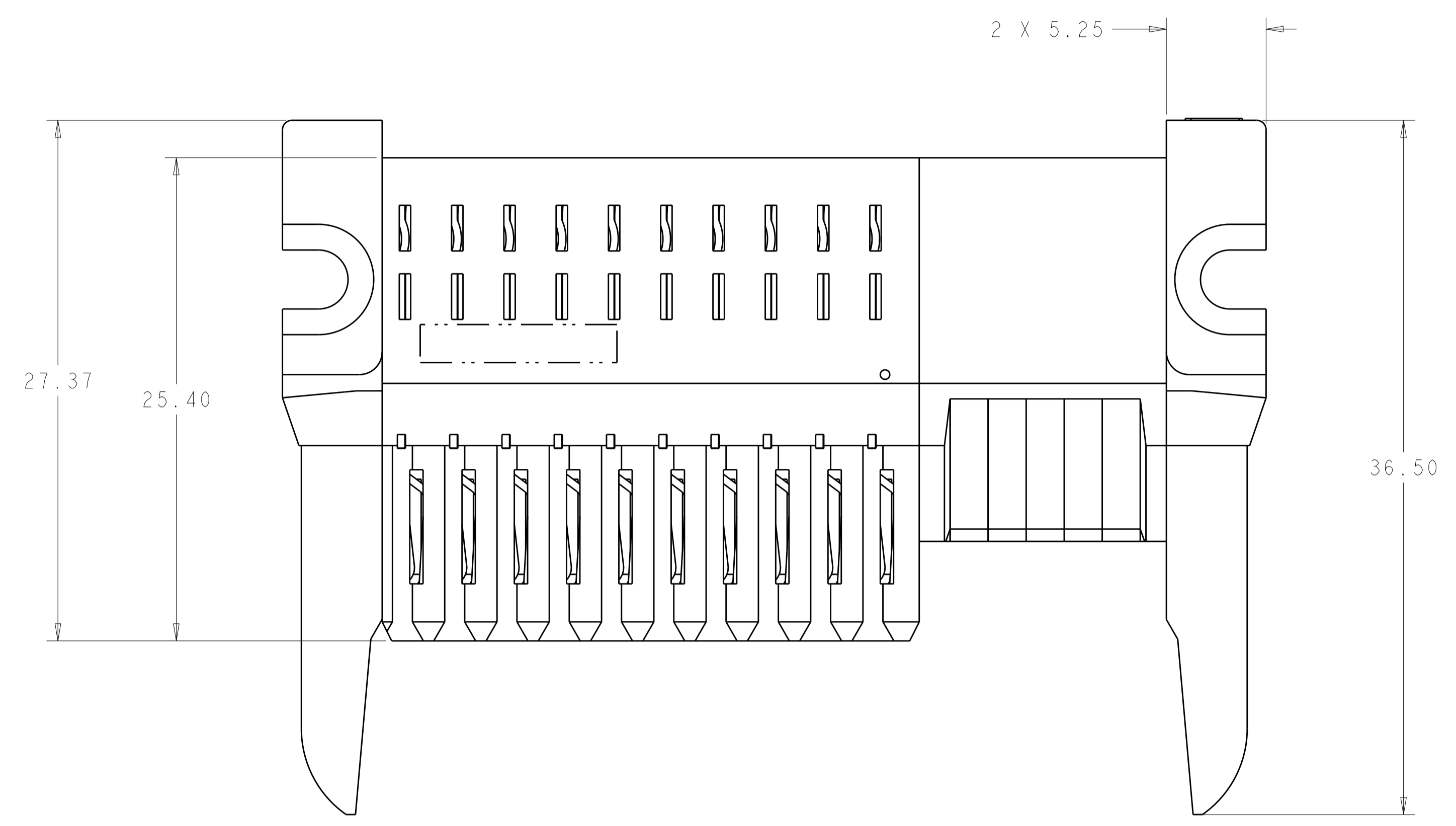
- HOUSING: GLASS FILLED LIQUID CRYSTAL POLYMER, COLOR: BLACK, UL 94 V-0 RATED  
 SIGNAL CONTACT: PHOSPHOR BRONZE  
 SIGNAL OVERMOLD: GLASS FILLED POLYESTER  
 POWER CONTACT: COPPER ALLOY
- SIGNAL CONTACT: 0.00127mm MIN NICKEL ALL OVER,  
 MATING AREA: 0.00008mm MIN GOLD OVER  
 0.00076mm MIN PALLADIUM-NICKEL  
 TAIL AREA: 0.0005mm MIN MATTE TIN  
  
 POWER CONTACT: 0.00127mm MIN NICKEL ALL OVER,  
 MATING AREA: 0.00008mm MIN GOLD OVER  
 0.00076mm MIN PALLADIUM-NICKEL,  
 TAIL AREA: 0.0005mm MIN MATTE TIN
- CONTACT MATING AREA LUBRICATED WITH BELLCORE APPROVED LUBRICANT,  
 TECHNICAL REFERENCE: GR-1217-CORE, ISSUE 1, NOVEMBER 1995
- THIS CONNECTOR EMPLOYS UL RECOGNIZED Z-PACK 2mm HM SIGNAL CONTACTS

- 5 DATUMS AND BASIC DIMENSIONS TO BE ESTABLISHED BY CUSTOMER
- 6 PC BOARD THICKNESS 1.4mm MIN, FOR WAVE SOLDER PC BOARD THICKNESS 2.62 MAX
- 7 SEE APPLICATION SPEC 114-13215 FOR PLATED THROUGH HOLE INFORMATION
- 8. SEE CUSTOMER DRAWING 1926730 OR 1926732 FOR MATING CONNECTOR
- 9 UNPLATED HOLES
- 10 #4-40 UNC PAN HEAD SCREW WITH HEX NUT, NOT SHOWN, SUPPLIED BY CUSTOMER

|          |          |             |             |       |       |                    |                |
|----------|----------|-------------|-------------|-------|-------|--------------------|----------------|
| 12       | 15       | 1           | 2           | 21.94 | 25.74 | 15S X 2P           | 8-1926739-0    |
| 144      | 40       | 23          | 7           | 92.44 | 96.24 | 40S X 24P          | 7-1926739-7    |
| 120      | 35       | 19          | 6           | 79.44 | 83.24 | 35S X 20P          | 6-1926739-2    |
| 108      | 35       | 17          | 6           | 73.94 | 77.74 | 35S X 18P          | 5-1926739-5    |
| 96       | 25       | 15          | 4           | 64.44 | 68.24 | 25S X 16P          | 4-1926739-6    |
| 72       | 15       | 11          | 2           | 49.44 | 53.24 | 15S X 12P          | 3-1926739-0    |
| 48       | 20       | 7           | 3           | 40.44 | 44.24 | 20S X 8P           | 1-1926739-1    |
| 72       | 25       | 11          | 4           | 51.44 | 57.24 | 25S X 12P          | 1926739-9      |
| 48       | 25       | 7           | 4           | 42.44 | 46.24 | 25S X 8P           | 1-1926739-8    |
| 36       | 20       | 5           | 3           | 36.74 | 40.54 | 20S X 6P           | 1-1926739-0    |
| 60       | 25       | 9           | 4           | 47.94 | 51.74 | 25S X 10P          | 2-1926739-5    |
| F<br>PLC | E<br>PLC | D<br>SPACES | C<br>SPACES | DIM B | DIM A | NO OF<br>POSITIONS | PART<br>NUMBER |

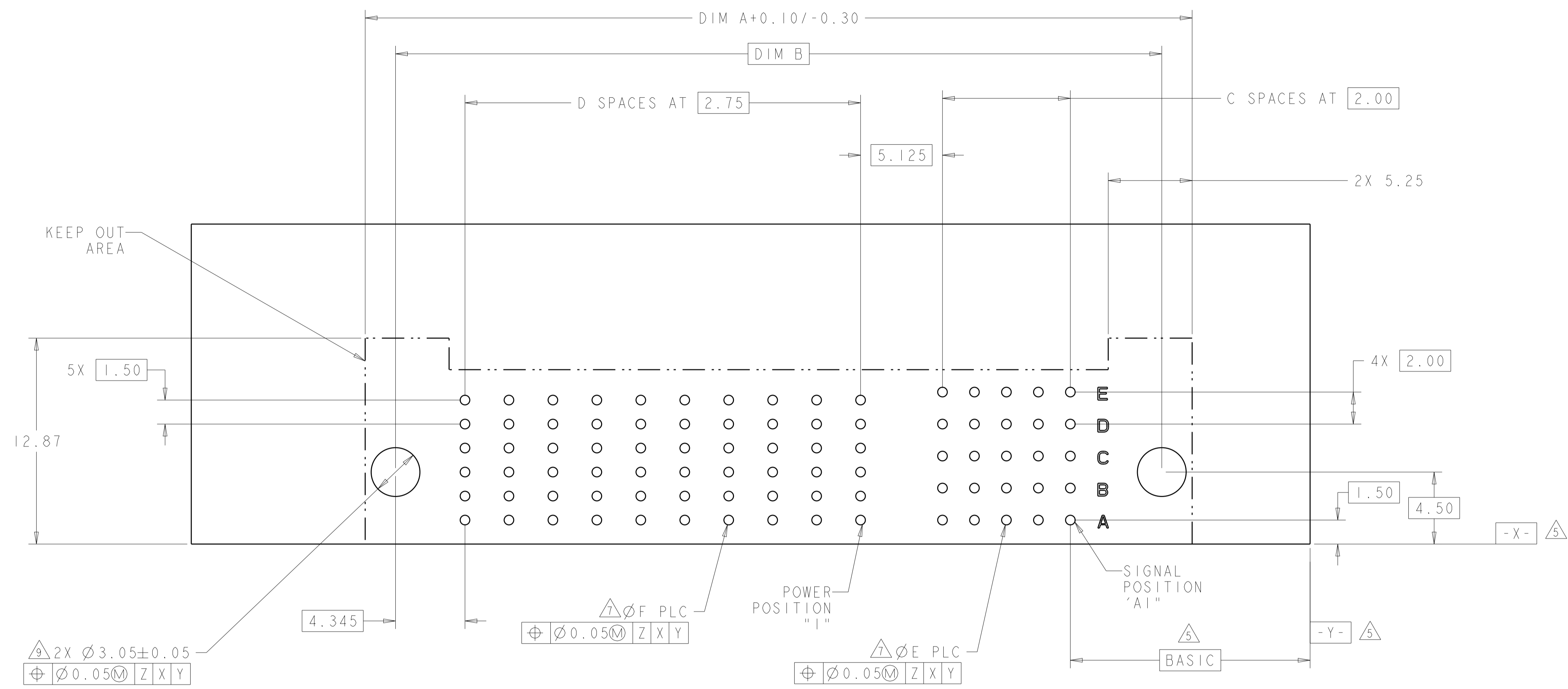
|  |  |   |  |  |  |  |  |  |  |
|--|--|---|--|--|--|--|--|--|--|
| DIMENSIONS:<br>mm<br>                      |  | TOLERANCES UNLESS OTHERWISE SPECIFIED:<br>0 PLC ±<br>1 PLC ±0.13<br>2 PLC ±<br>3 PLC ±<br>4 PLC ±<br>ANGLES ± |  | DIMENSIONS:<br>mm<br>0 PLC ±<br>1 PLC ±0.13<br>2 PLC ±<br>3 PLC ±<br>4 PLC ±<br>ANGLES ± |  | DIMENSIONS:<br>mm<br>0 PLC ±<br>1 PLC ±0.13<br>2 PLC ±<br>3 PLC ±<br>4 PLC ±<br>ANGLES ± |  | DIMENSIONS:<br>mm<br>0 PLC ±<br>1 PLC ±0.13<br>2 PLC ±<br>3 PLC ±<br>4 PLC ±<br>ANGLES ±   |  |
| MATERIAL: SEE NOTE 1<br>FINISH: SEE NOTE 2 |  | WEIGHT: -<br>Customer Drawing   |  | DWN: ORANDO LI 28OCT2011<br>CHK: SUNY ZHAO 28OCT2011<br>APVD: SUNY ZHAO 28OCT2011        |  | Tyco Electronics<br>Shanghai, PR 200233  |  | NAME: RECEPTACLE ASSEMBLY, RIGHT ANGLE, PASSIVE GUIDE, SIGNAL/POWER, WITH SCREW MOUNT, MINIPAK HDL<br>SIZE: A100779<br>CAGE CODE: 1926739<br>DRAWING NO: 1926739-5 |  |
| SCALE: 3:1                                 |  | SHEET 1 OF 3  |  | REV: A4  |  | RESTRICTED TO  |  | Customer Drawing   |  |

| LOC |     | DIST        |      | REVISIONS |      |  |  |
|-----|-----|-------------|------|-----------|------|--|--|
| P   | LTN | DESCRIPTION | DATE | DMN       | APVD |  |  |
| -   | -   | SEE SHEET 1 | -    | -         | -    |  |  |
|     |     |             |      |           |      |  |  |
|     |     |             |      |           |      |  |  |



|  |  |  |   |
|--|--|--|---|
| <small>THIS DRAWING IS UNPUBLISHED. RELEASED FOR PUBLICATION BY TYCO ELECTRONICS CORPORATION. ALL RIGHTS RESERVED.</small> |  | DWN: ORANDO LI 28OCT2011<br>CHK: SUNY ZHAO 28OCT2011<br>APVD: SUNY ZHAO 28OCT2011  | Tyco Electronics<br>Shanghai, PR 200233                                 |
| DIMENSIONS:<br>mm<br>  | TOLERANCES UNLESS OTHERWISE SPECIFIED:<br>0 PLC ±<br>1 PLC ±0.13<br>2 PLC ±<br>3 PLC ±<br>4 PLC ±<br>ANGLES ±<br>FINISH SEE NOTE 2 | NAME: RECEPTACLE ASSEMBLY, RIGHT ANGLE, PASSIVE GUIDE, SIGNAL/POWER, WITH SCREW MOUNT, MINIPAK HDL<br>PRODUCT SPEC: 108-2325<br>APPLICATION SPEC: 114-13215<br>WEIGHT: -<br>Customer Drawing | SIZE: A<br>CAGE CODE: 1926739<br>SCALE: 3:1<br>SHEET: 2 OF 3<br>REV: A4 |

| LOC | DIST | REVISIONS   |      |     |      |
|-----|------|-------------|------|-----|------|
| P   | LTN  | DESCRIPTION | DATE | DWN | APVD |
| -   | -    | SEE SHEET 1 | -    | -   | -    |
|     |      |             |      |     |      |
|     |      |             |      |     |      |



**2-1926739-5 SHOWN**  
**RECOMMENDED PRINTED CIRCUIT BOARD LAYOUT**  
 (AS VIEWED FROM COMPONENT SIDE)

|   |   |  |   |
|---|---|--|---|
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| DIMENSIONS:<br>mm<br>   | TOLERANCES UNLESS OTHERWISE SPECIFIED:<br>0 PLC ±<br>1 PLC ±0.13<br>2 PLC ±<br>3 PLC ±<br>4 PLC ±<br>ANGLES ± | NAME: RECEPTACLE ASSEMBLY, RIGHT ANGLE, PASSIVE GUIDE, SIGNAL/POWER, WITH SCREW MOUNT, MINIPAK HDL<br>PRODUCT SPEC: 108-2325<br>APPLICATION SPEC: 114-13215<br>WEIGHT: - | SIZE: A1<br>CAGE CODE: 00779<br>DRAWING NO: 1926739<br>RESTRICTED TO: - |
| MATERIAL: SEE NOTE 1<br>FINISH: SEE NOTE 2  | SCALE: 3:1<br>SHEET: 3 OF 3<br>REV: A4  | Customer Drawing   | Tyco Electronics<br>Shanghai, PR 200233                                 |