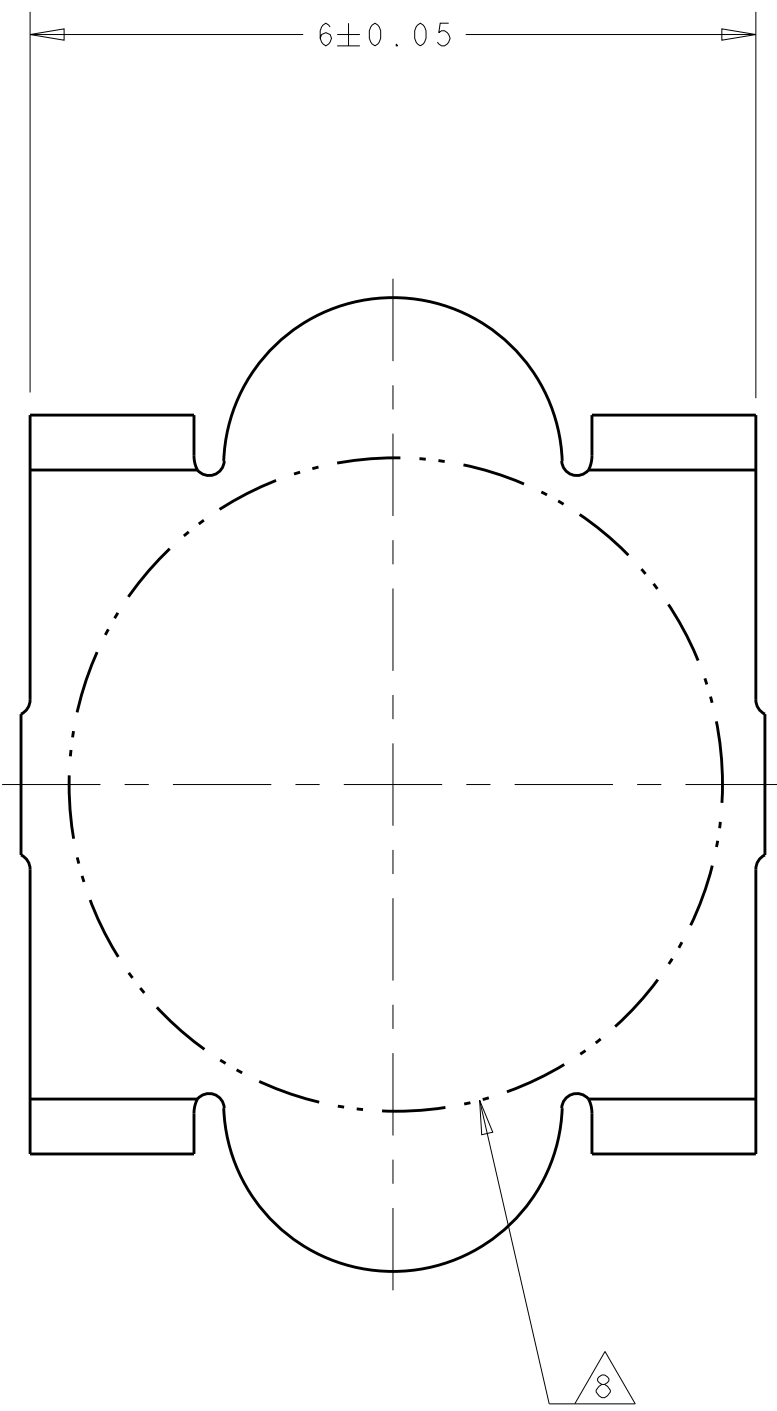
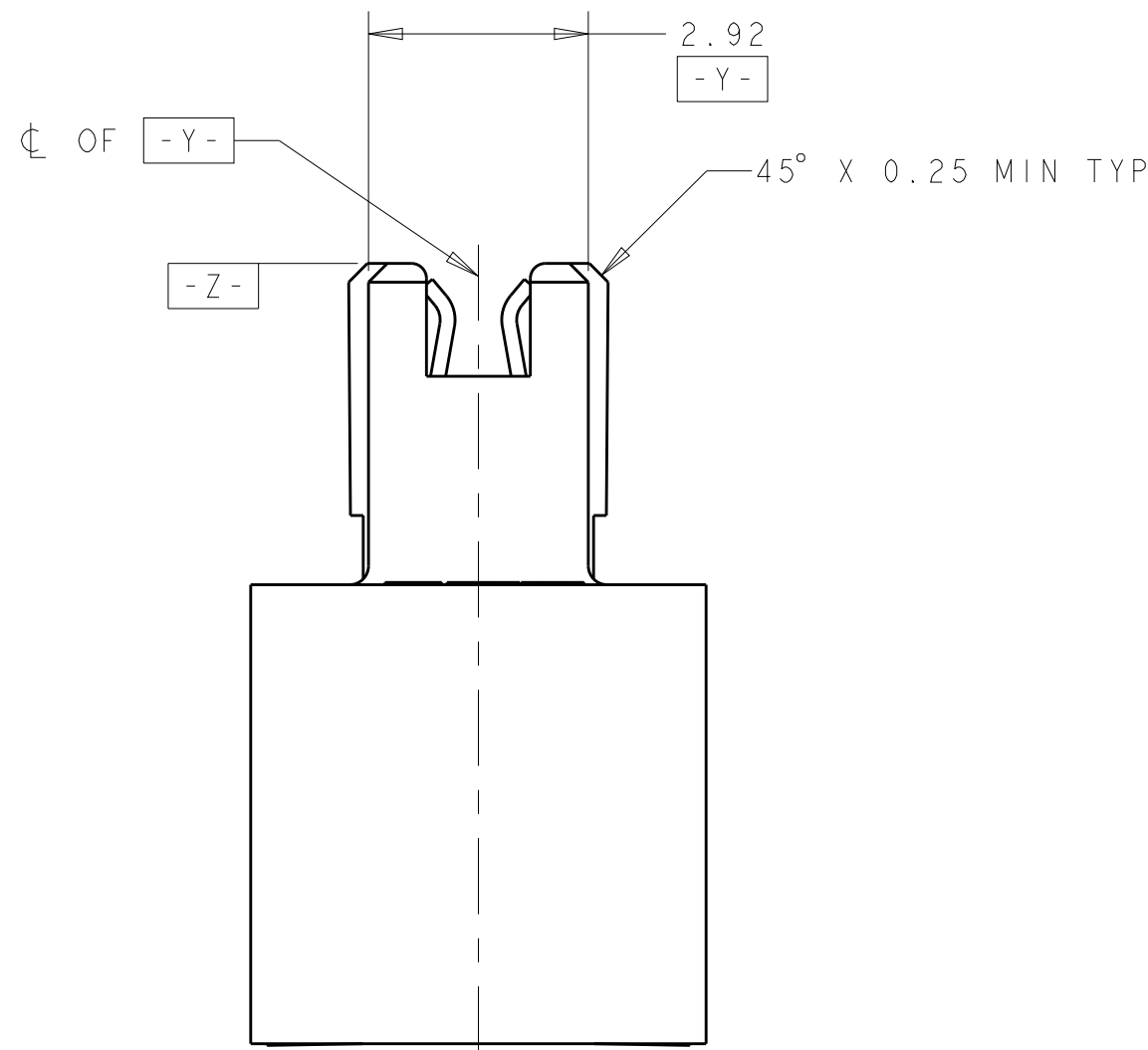
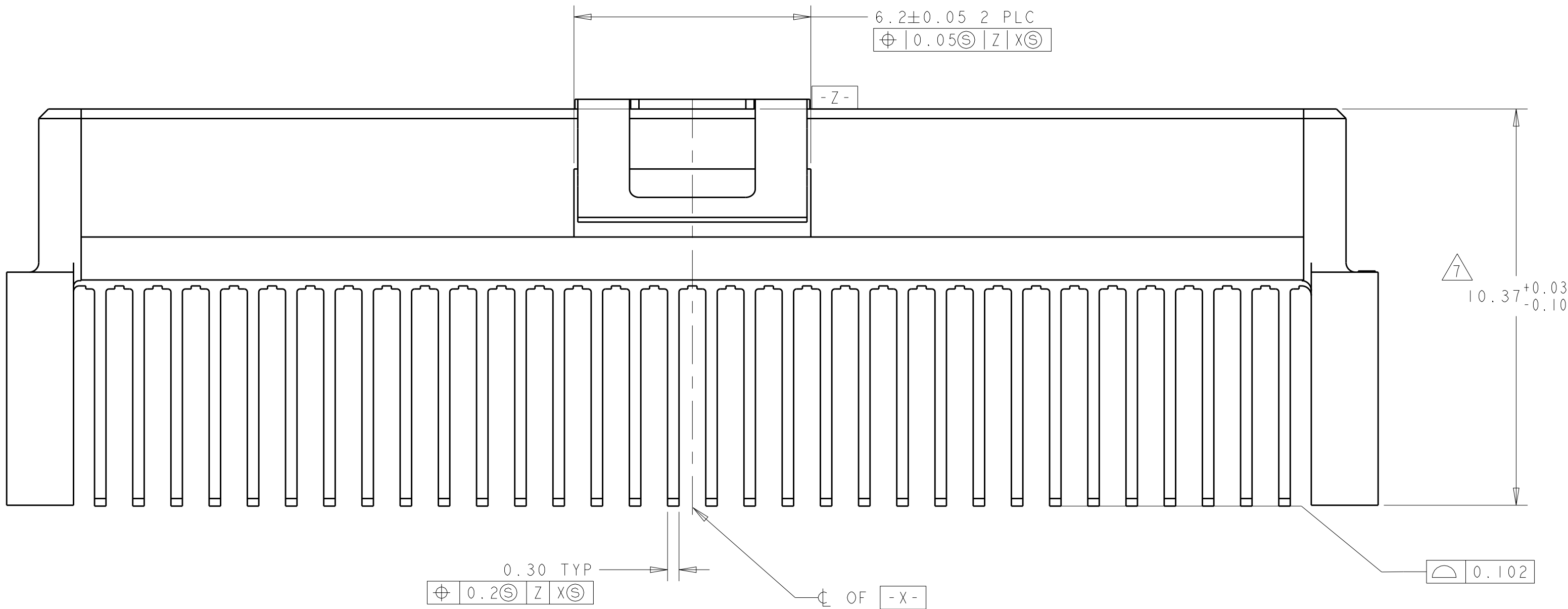
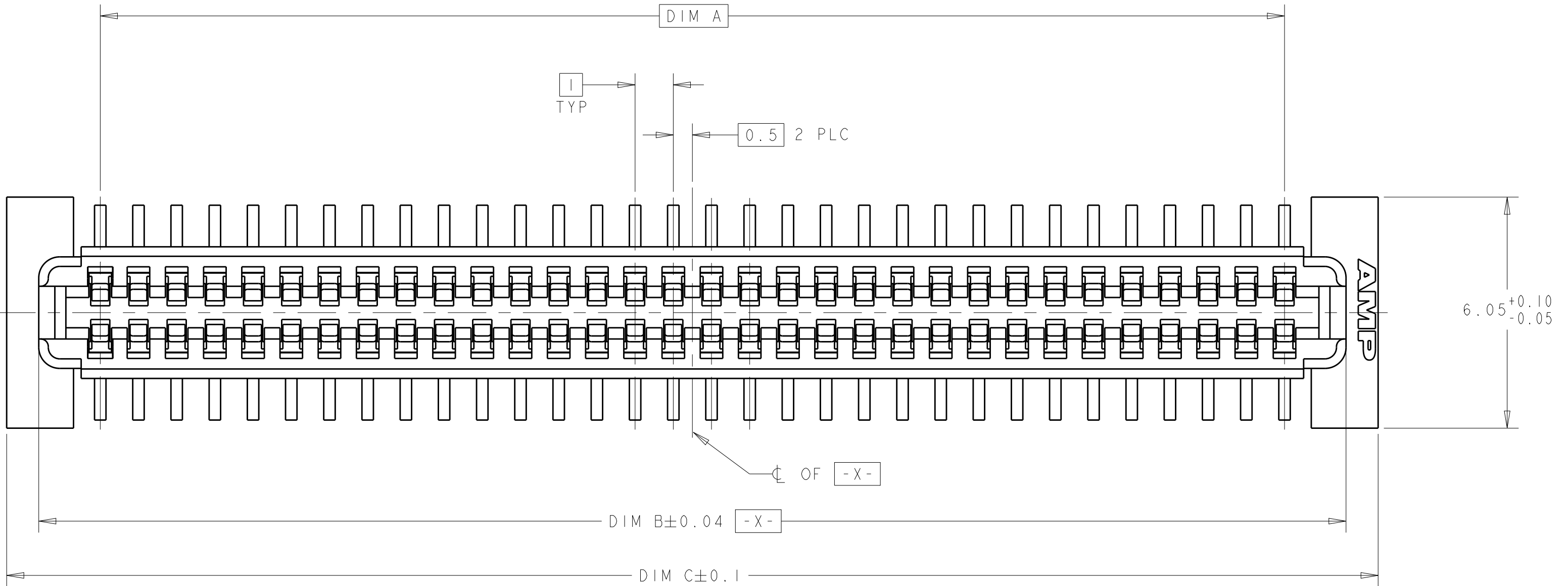
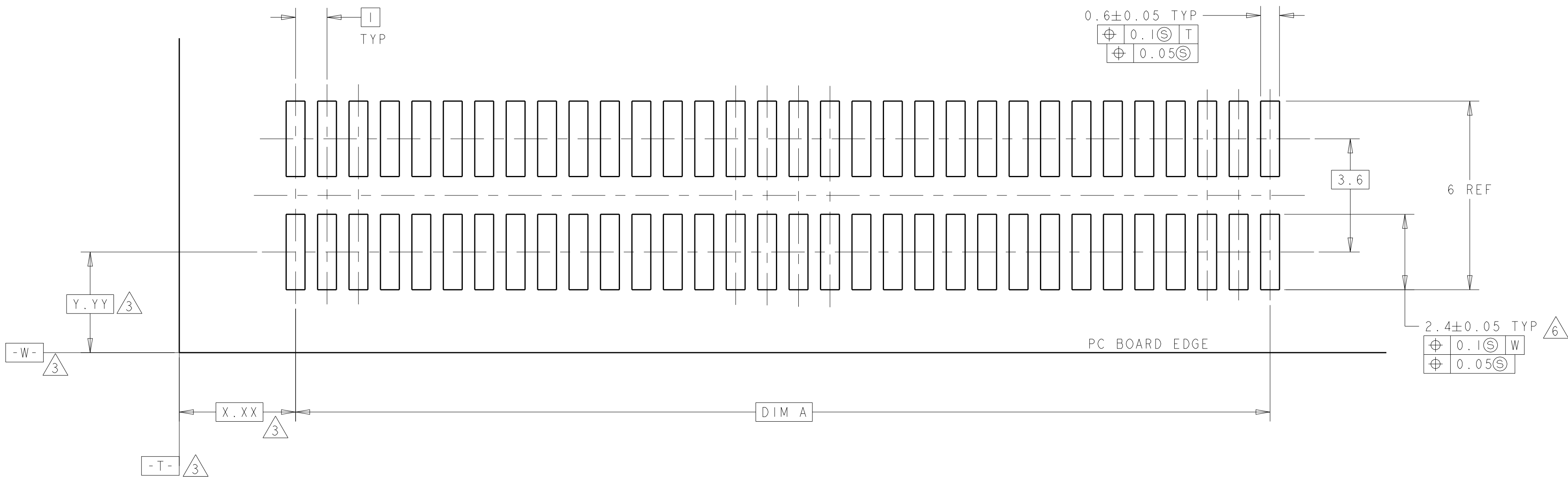


| REVISIONS |     |                           |           |     |      |
|-----------|-----|---------------------------|-----------|-----|------|
| P         | LTR | DESCRIPTION               | DATE      | DWN | APVD |
|           | J   | REVISED PER ECR-14-016951 | 11FEB2015 | I.T | W.H  |
|           |     |                           |           |     |      |
|           |     |                           |           |     |      |
|           |     |                           |           |     |      |

- △ HOUSING MATERIAL: HIGH TEMPERATURE THERMOPLASTIC, COLOR: BLACK.  
CONTACT MATERIAL: PHOSPHOR BRONZE.
- △ CONTACT FINISH: NICKEL UNDERPLATE ALL OVER, MATING SURFACES  
PLATED TO MEET PL1 PERFORMANCE REQUIREMENTS OF INDUSTRY  
SPECIFICATION EIA-700AAAB, SOLDER TAILS PLATED TIN-LEAD.
- △ DATUM LOCATIONS AND BASIC DIMENSIONS TO BE ESTABLISHED BY THE  
CUSTOMER. CONSULT AMP ENGINEERING WHEN PLACING MULTIPLE  
CONNECTORS ON A PC BOARD.
4. PACKAGED IN TAPE ON REEL PER EIA-481.
5. VACUUM COVER DESIGNED FOR 4mm DIA. NOZZLE. COVER TO BE REMOVED  
AFTER SOLDERING. VACUUM COVER OMITTED FROM SOME VIEWS FOR  
DIMENSIONAL CLARITY.
- △ SHORTER SOLDER LANDS MAY BE USED PER EIA 700AAAB, HOWEVER 2.4  
LENGTH ASSURES OPTIMUM SOLDER FILLET REGARDLESS OF MANUFACTURER  
OF CONNECTOR.
- △ REFERRED TO AS DIM H = 10.30±0.1 IN EIA 700AAAB SPECIFICATION.
- △ 5.5 MIN DIAMETER TARGET AREA FOR VACUUM PICK-UP.
- △ CONTACT FINISH: 0.002 MINIMUM BRIGHT TIN-LEAD (93-7)  
ON SOLDER AREA, 0.00127 MINIMUM GOLD ON MATING AREA,  
BOTH OVER 0.00127 MINIMUM NICKEL ON ENTIRE CONTACT.



VACUUM COVER



RECOMMENDED PC BOARD LAYOUT

|        |       |       |       |                  |            |     |            |
|--------|-------|-------|-------|------------------|------------|-----|------------|
| △ 9    | 45.9  | 44.22 | 41    | 120534-2         | 15         | 84  | 1-120531-2 |
| △ 9    | 45.9  | 44.22 | 41    | 120533-2         | 14         | 84  | 1-120531-2 |
| △ 9    | 35.9  | 34.22 | 31    | 120534-1         | 15         | 64  | 1-120531-1 |
| △ 9    | 35.9  | 34.22 | 31    | 120533-1         | 14         | 64  | 1-120531-1 |
| △ 2    | 45.9  | 44.22 | 41    | 120534-2         | 15         | 84  | 120531-2   |
| △ 2    | 45.9  | 44.22 | 41    | 120533-2         | 14         | 84  | 120531-2   |
| △ 2    | 35.9  | 34.22 | 31    | 120534-1         | 15         | 64  | 120531-1   |
| △ 2    | 35.9  | 34.22 | 31    | 120533-1         | 14         | 64  | 120531-1   |
| FINISH | DIM C | DIM B | DIM A | MATING CONNECTOR | STACK HGTS | POS | PART NO    |

|                                                                                       |  |                                        |     |                  |  |                                                                                                       |  |            |               |       |
|---------------------------------------------------------------------------------------|--|----------------------------------------|-----|------------------|--|-------------------------------------------------------------------------------------------------------|--|------------|---------------|-------|
| THIS DRAWING IS A CONTROLLED DOCUMENT.                                                |  |                                        | DWN | 2/11/97          |  |  TE Connectivity |  |            |               |       |
|                                                                                       |  |                                        | CHK | 2/11/97          |  |                                                                                                       |  |            |               |       |
| DIMENSIONS:                                                                           |  | TOLERANCES UNLESS OTHERWISE SPECIFIED: |     | L.V.O            |  | NAME                                                                                                  |  |            |               |       |
| mm                                                                                    |  |                                        |     | APVD             |  |                                                                                                       |  |            |               |       |
|  |  | 0 PLC ±                                |     | 502-1079         |  | RCPT ASSY, W/COVER, 1.0mm FH CONNECTOR (IEEE1386)                                                     |  |            |               |       |
|                                                                                       |  | 1 PLC ±0.03                            |     | APPLICATION SPEC |  |                                                                                                       |  |            |               |       |
|                                                                                       |  | 2 PLC ±0.003                           |     | 114-25045        |  |                                                                                                       |  |            |               |       |
|                                                                                       |  | 3 PLC ±                                |     | WEIGHT           |  |                                                                                                       |  |            |               |       |
|                                                                                       |  | 4 PLC ±                                |     | SIZE             |  |                                                                                                       |  |            |               |       |
| ANGLES                                                                                |  | ±0°-30°                                |     |                  |  | CAGE CODE                                                                                             |  | DRAWING NO | RESTRICTED TO |       |
| FINISH                                                                                |  |                                        |     |                  |  | A1                                                                                                    |  | C=120531   | -             |       |
| MATERIAL                                                                              |  | SEE TABLE                              |     | CUSTOMER DRAWING |  | SCALE                                                                                                 |  | 10:1       | SHEET 1 OF 1  | REV J |
|  |  |                                        |     |                  |  |                                                                                                       |  |            |               |       |