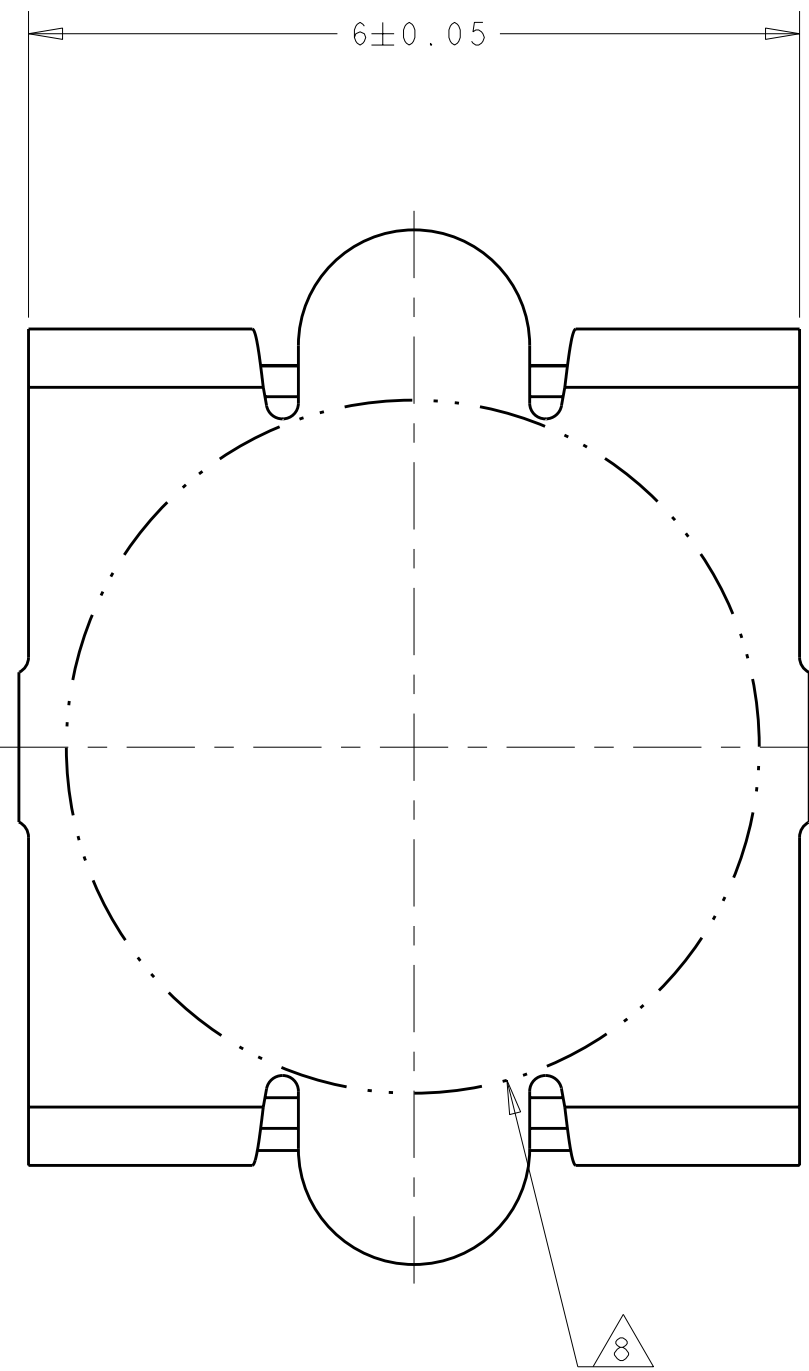
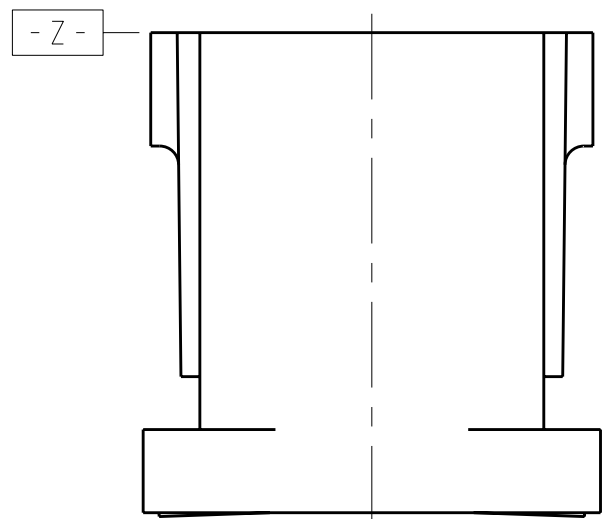
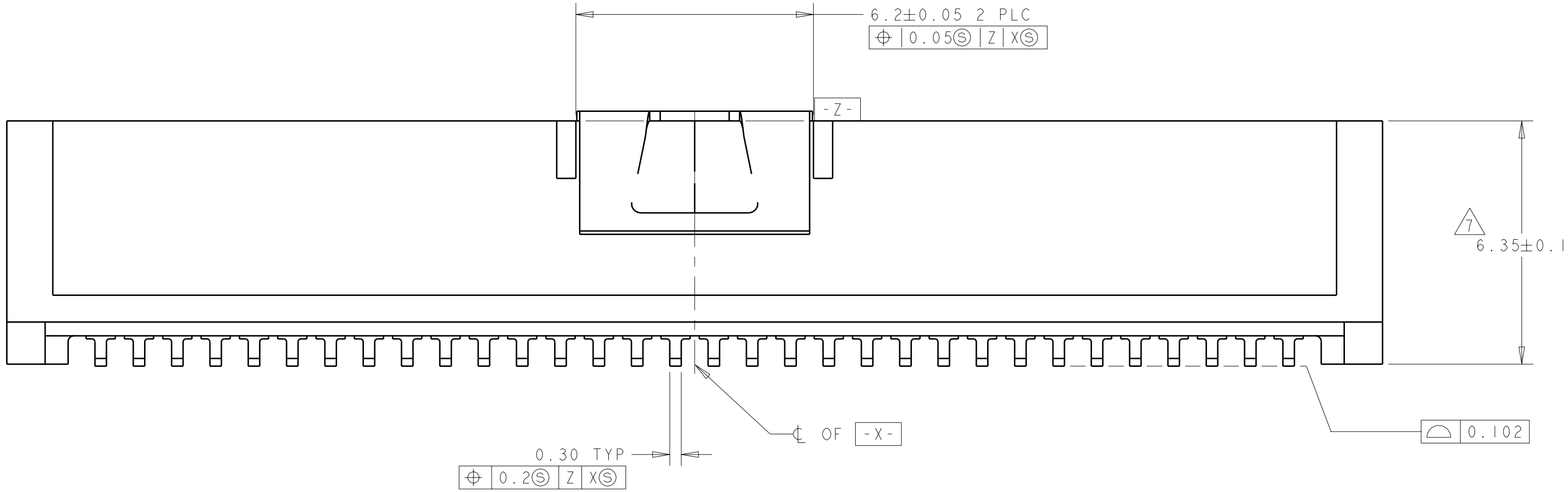
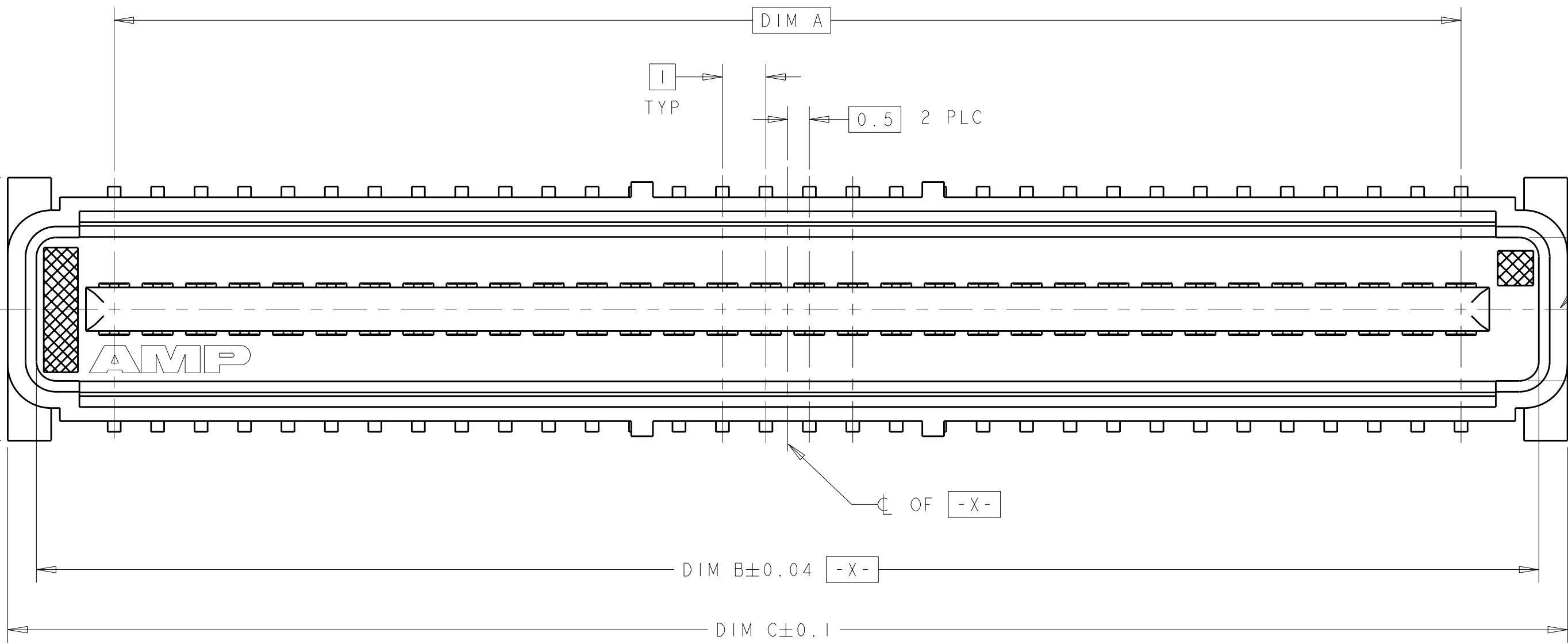
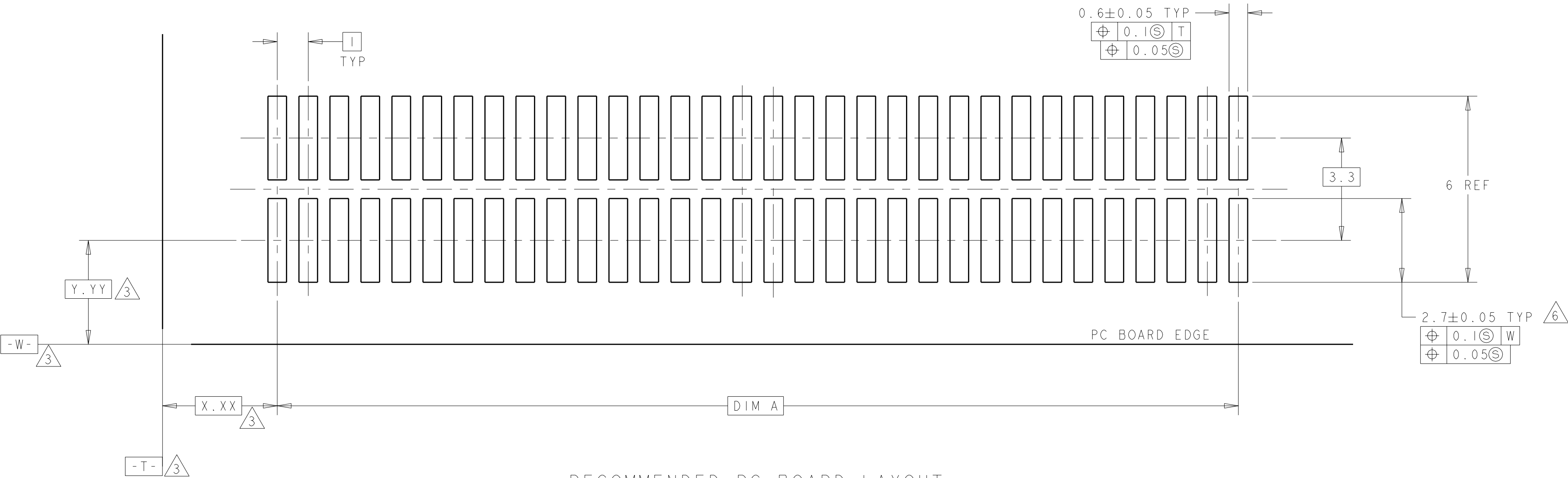


| LOC |    | DIST |     | REVISIONS                 |           |     |      |
|-----|----|------|-----|---------------------------|-----------|-----|------|
| AD  | 00 | P    | LYR | DESCRIPTION               | DATE      | DWN | APVD |
|     |    | H    |     | REVISED PER ECO-08-008615 | 10JUL2008 | DH  | DB   |
|     |    | HI   |     | REVISED PER ECO-11-005444 | 08APR2011 | DH  | MH   |
|     |    |      |     |                           |           |     |      |
|     |    |      |     |                           |           |     |      |

- 1 HOUSING MATERIAL: LIQUID CRYSTAL POLYMER COLOR: BLACK.  
CONTACT MATERIAL: PHOSPHOR BRONZE.
- 2 CONTACT FINISH: NICKEL UNDERPLATE ALL OVER, MATING SURFACES  
PLATED TO MEET PLI PERFORMANCE REQUIREMENTS OF INDUSTRY  
SPECIFICATION EIA-700AAAB, SOLDER TAILS PLATED TIN-LEAD.
- 3 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. VACUUM COVER TO BE  
REMOVED AFTER SOLDERING. VACUUM COVER REMOVED FROM SOME VIEWS FOR  
DIMENSIONAL CLARITY.
- 6 SHORTER SOLDER LANDS MAY BE USED PER EIA 700AAAB, HOWEVER 2.7  
LENGTH ASSURES OPTIMUM SOLDER FILLET REGARDLESS OF MANUFACTURER  
OF CONNECTOR.
- 7 REFERRED TO AS DIM N IN EIA 700AAAB SPECIFICATION.
- 8 5.5 MIN DIAMETER TARGET AREA FOR VACUUM PICK-UP.  
CONTACT FINISH: 0.00381 MINIMUM MATTE TIN-LEAD (93-7)  
ON SOLDER AREA, 0.00127 MINIMUM GOLD ON MATING AREA,  
BOTH OVER 0.00127 MINIMUM NICKEL ON ENTIRE CONTACT.
- 9 OBSOLETE PART NUMBER.



VACUUM COVER



RECOMMENDED PC BOARD LAYOUT

|        |       |       |       |                  |            |     |            |
|--------|-------|-------|-------|------------------|------------|-----|------------|
| 8      | 45.9  | 44.58 | 41    | 120528-2         | 8          | 84  | 1-120532-2 |
| 8      | 35.9  | 34.58 | 31    | 120528-1         | 8          | 64  | 1-120532-1 |
| 2      | 45.9  | 44.58 | 41    | 120528-2         | 8          | 84  | 120532-2   |
| 2      | 35.9  | 34.58 | 31    | 120528-1         | 8          | 64  | 120532-1   |
| FINISH | DIM C | DIM B | DIM A | MATING CONNECTOR | STACK HGTS | POS | PART NO    |

|                                                                                       |  |  |  |                  |          |                                                                                                       |  |
|---------------------------------------------------------------------------------------|--|--|--|------------------|----------|-------------------------------------------------------------------------------------------------------|--|
| THIS DRAWING IS A CONTROLLED DOCUMENT.                                                |  |  |  | DWN              | 27/17/97 |  TE Connectivity |  |
| DIMENSIONS:                                                                           |  |  |  | CHK              | 27/17/97 |                                                                                                       |  |
| mm                                                                                    |  |  |  | APPD             | -        |                                                                                                       |  |
| TOLERANCES UNLESS OTHERWISE SPECIFIED:                                                |  |  |  | PRODUCT SPEC     |          | PLUG ASSEMBLY, W/ COVER,<br>1.0mm FH(IEEE1386) CONNECTOR                                              |  |
| 9 PLC ±                                                                               |  |  |  | 502-1079         |          |                                                                                                       |  |
| 1 PLC ±0.03                                                                           |  |  |  | APPLICATION SPEC |          |                                                                                                       |  |
| 3 PLC ±0.003                                                                          |  |  |  | 114-25045        |          | A100779C=120532                                                                                       |  |
| 4 PLC ±                                                                               |  |  |  | WEIGHT           |          |                                                                                                       |  |
| ANGLES ±0°30'                                                                         |  |  |  | CUSTOMER DRAWING |          |                                                                                                       |  |
| MATERIAL                                                                              |  |  |  | SCALE 17:1       |          | SHEET 1 OF 1                                                                                          |  |
|  |  |  |  | REV HI           |          |                                                                                                       |  |