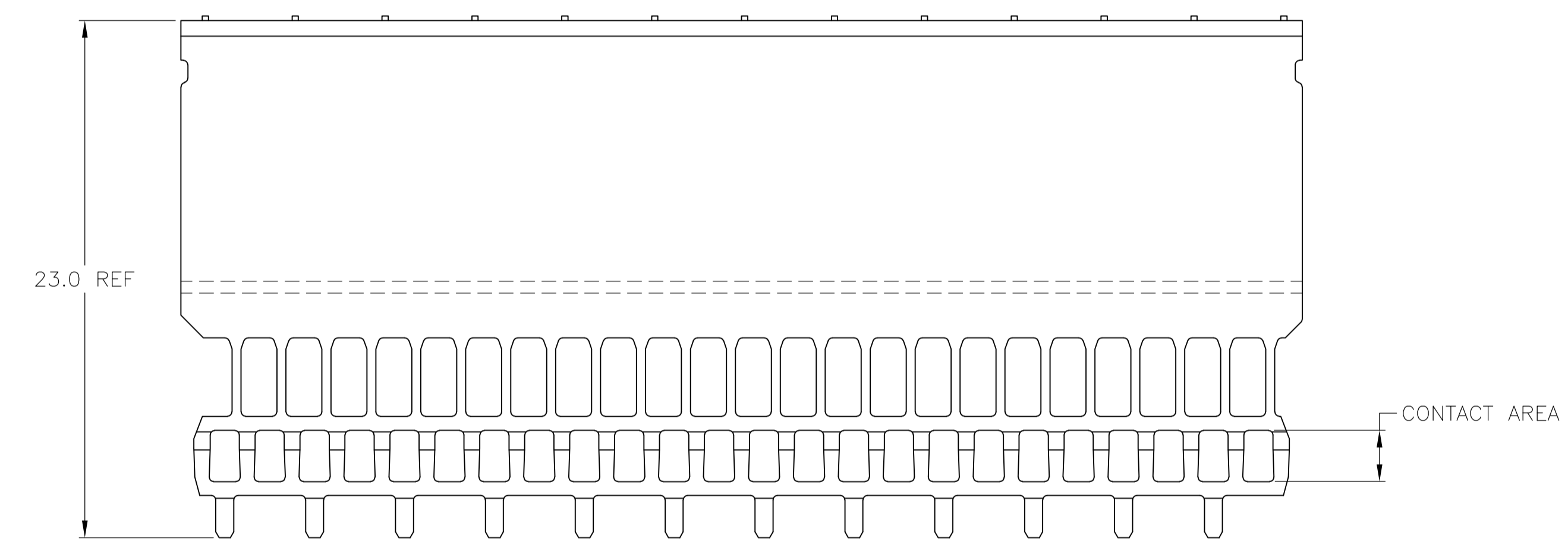
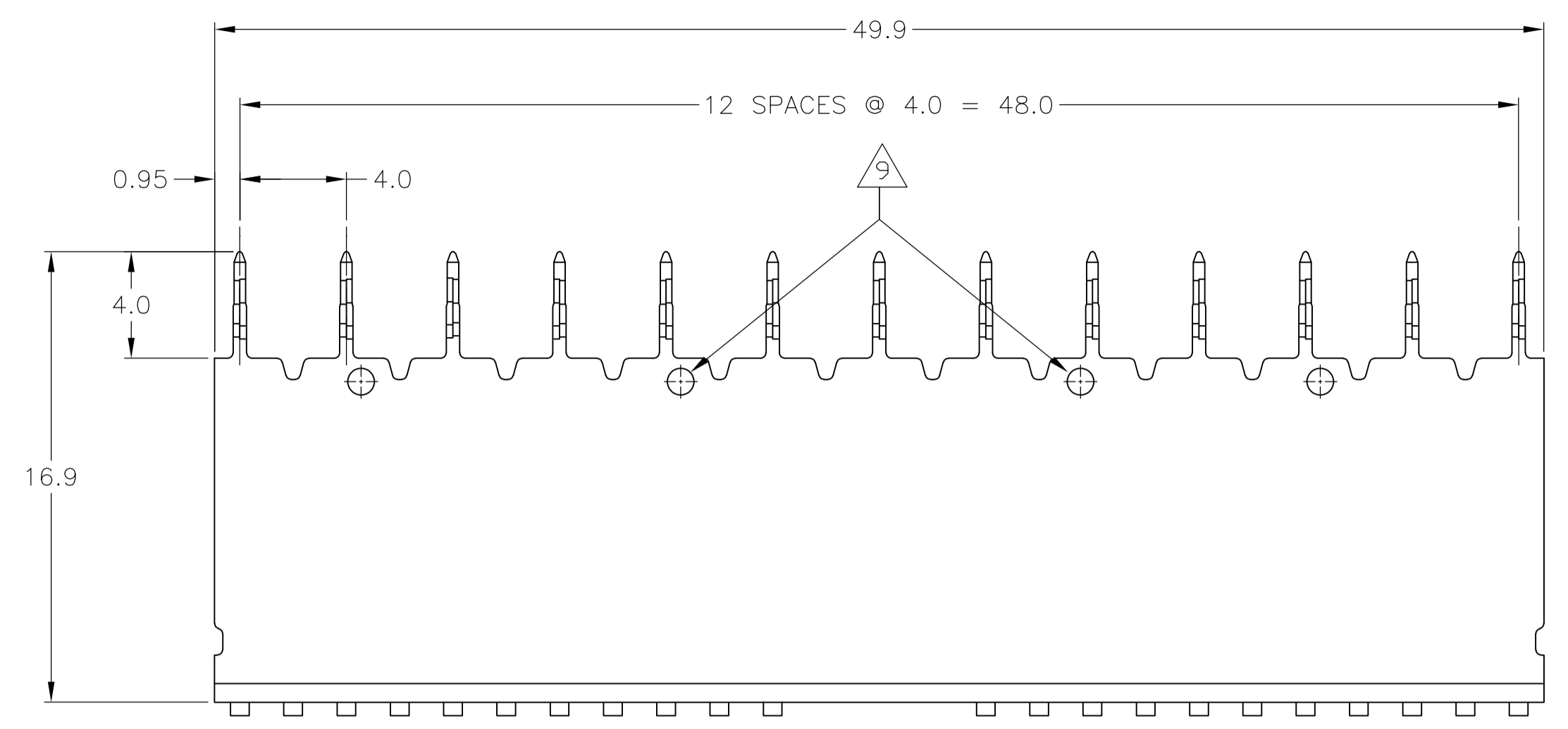
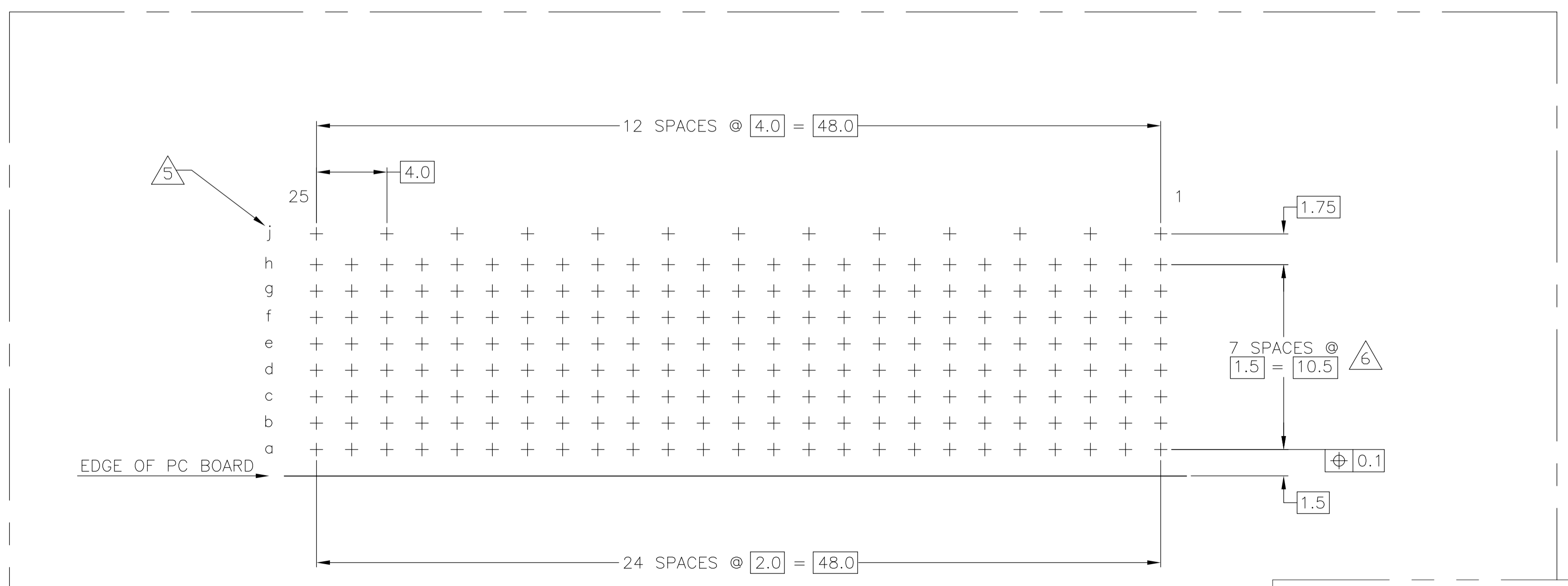
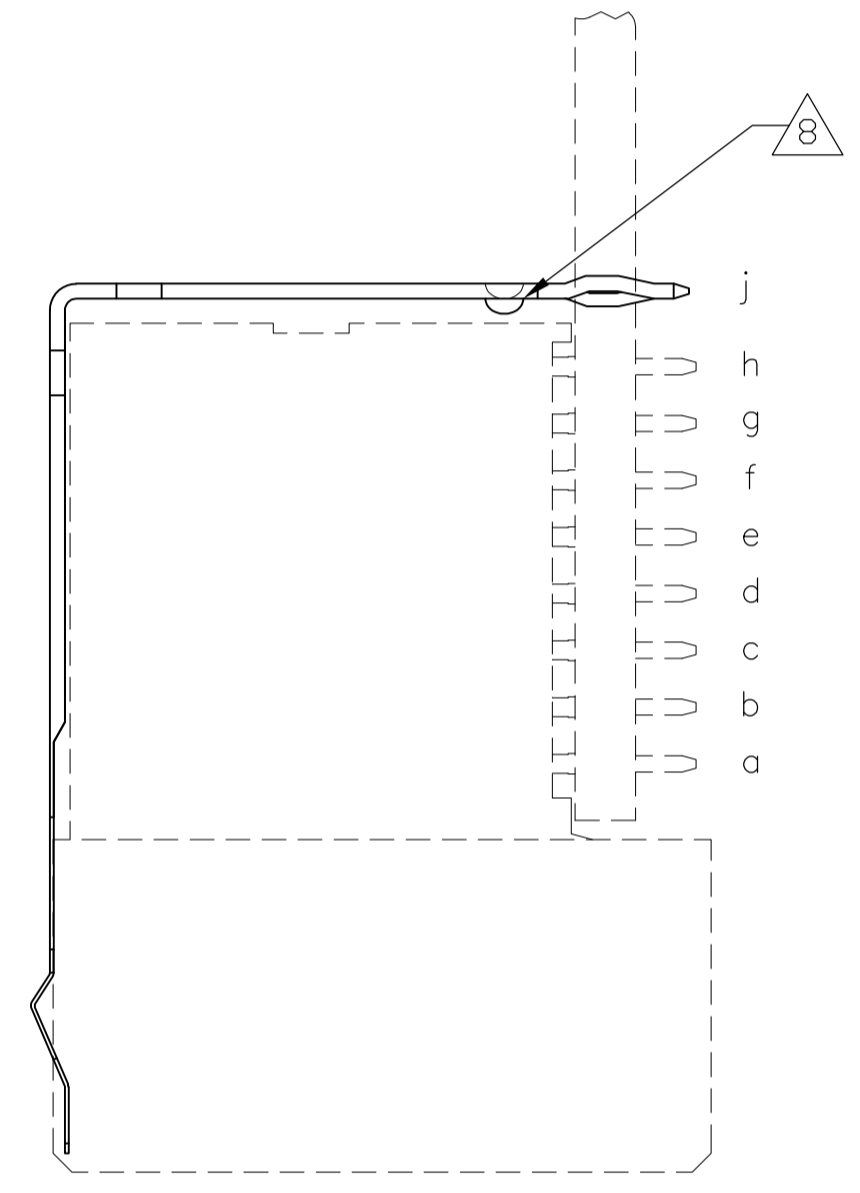


| LOC |     | DIST                      |         | REVISIONS |      |  |  |
|-----|-----|---------------------------|---------|-----------|------|--|--|
| P   | LTR | DESCRIPTION               | DATE    | DWN       | APVD |  |  |
| B   |     | REVISED PER ECO-07-030179 | 21DEC07 | DH        | JE   |  |  |
| B1  |     | REVISED PER ECO-10-000444 | 02NOV09 | KK        | AEG  |  |  |



- 1 MATERIAL: PHOSPHOR BRONZE.
- 2 GENERAL PLATING SPECIFICATION: UNDERPLATING (ENTIRE CONTACT): 1.27µm MIN NICKEL AND ACTION PIN: 0.5µm MIN TIN. FOR PLATING OF MATING SURFACES SEE APPLICABLE SPECIFICATION REFERENCE FOR EACH DASH NUMBER.
- 3 CONFORMS TO ALL TESTING ACCORDING TO IEC 61076-4-101 PERFORMANCE LEVEL 2.
- 4 CONNECTOR TESTED AND QUALIFIED AGAINST TELCORDIA GR-1217-CORE QUALITY LEVEL 3, CENTRAL OFFICE APPLICATIONS.
- 5 ROW J 13 PLATED THROUGH HOLES FOR UPPER-SHIELD.
- 6 HOLE PATTERN FOR FEMALE CONNECTOR TYPE A. 200 PLATED-THROUGH HOLES A 1.5 X 2mm GRID.
- 7 CONTACT AREA LUBRICATED WITH BELLCORE APPROVED LUBRICANT. TECHNICAL REFERENCE: GR-1217-CORE, ISSUE 1, NOVEMBER 1995.
- 8 P/N 646429-2 DOES NOT HAVE EMBOSSEMENTS.
- 9 OPTIONAL DIMPLES AT DISCRETION OF DIE ENGINEER.
- 10 OBSOLETE PARTS: OBSOLETE CIS STREAMLINING PER D.RENAUD/D.SINISI



COMPONENT SIDE AS SHOWN  
 RECOMMENDED PCB-HOLE LAYOUT

**PLATED THRU HOLES PARAMETERS**  
 REFERENCE APPLICATION SPECIFICATION

|    |          |        |   |             |             |
|----|----------|--------|---|-------------|-------------|
| 10 | OBSOLETE | 2      | 4 | 7           | -5646429-9- |
|    |          | 2      | 3 | 8           | 5646429-2   |
|    |          | 2      | 3 |             | 5646429-1   |
|    |          | FINISH |   | PART NUMBER |             |

THIS DRAWING IS A CONTROLLED DOCUMENT.

|                |  |                      |                         |   |
|----------------|--|----------------------|-------------------------|---|
| DIMENSIONS: mm | TOLERANCES UNLESS OTHERWISE SPECIFIED: | DIN B. CARDO 03AUG05 | APVD G. SKIPPER 03AUG05 | NAME Tyco Electronics Corporation Harrisburg, PA 17105-3608                         |
| 0. PLC ± -     | 1. PLC ± 0.1                           | 108-19082            | 114-19036               | GROUND RETURN UPPER-SHIELD, TYPE E Z-PACK 2mm HM 8 ROW, FEMALE (INTEGRATED VERSION) |
| 2. PLC ± -     | 3. PLC ± -                             | 100779               | 5646429                 | RESTRICTED TO   |
| 4. PLC ± -     | ANGLES ± -                             | 100779               | 5646429                 | SCALE 5:1 SHEET 1 OF 1 REV B1   |
| MATERIAL 1     | FINISH SEE TABLE                       | 100779               | 5646429                 | CUSTOMER DRAWING  |