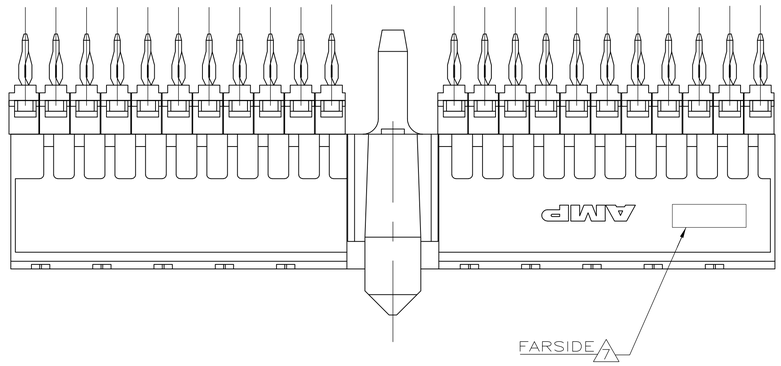
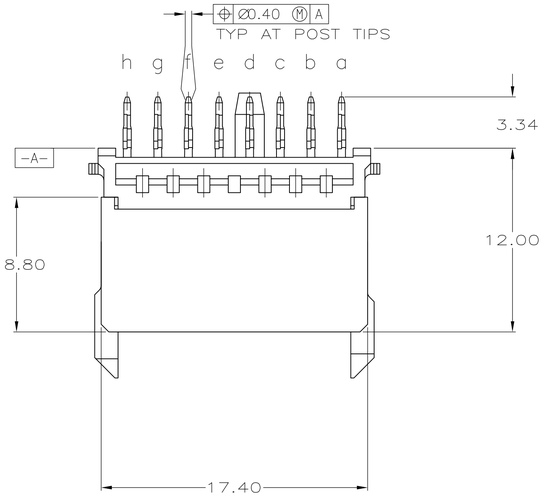
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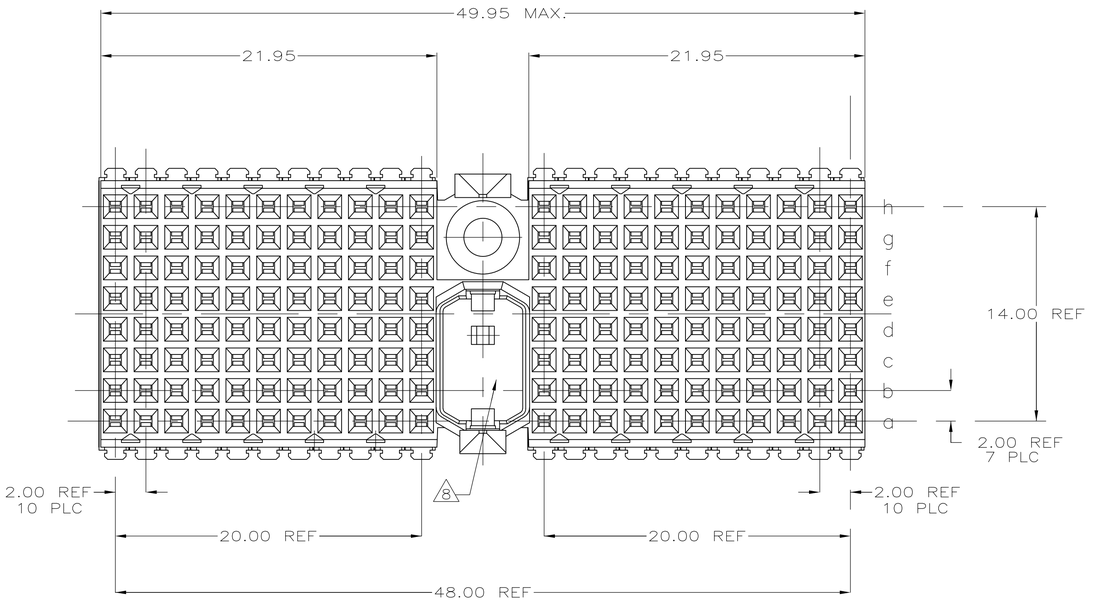
| LOC | DIST |
|---|---|
| AD | 00 |

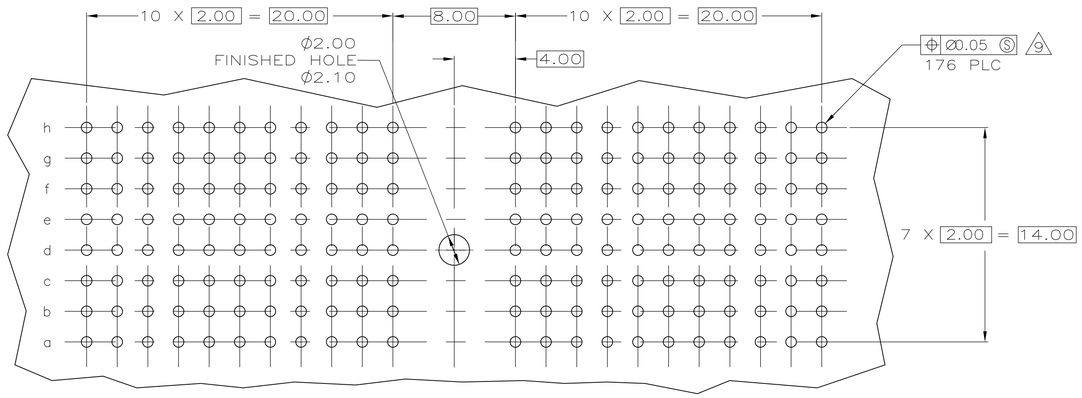
REVISIONS

| P | LTR | DESCRIPTION | DATE | DWN | APVD |
|---|---|---|---|---|---|
| | C1 | REV PER ECO-10-000443 | 16JAN10 | KK | AEG |
| | D | ECR-10-019054 | 15SEP10 | DP | MQW |
| | E | ECO-11-024491 | 13DEC11 | SY | MQW |
| | F | ECR-12-010544 | 06NOV12 | SY | AC |




RECOMMENDED PCB HOLE LAYOUT
COMPONENT SIDE SHOWN

1. MATERIAL:
   CONTACT: PHOSPHOR BRONZE.
   HOUSING: GLASS-FILLED POLYESTER.
2. GENERAL PLATING SPECIFICATION: UNDERPLATING (ENTIRE CONTACT): 1.27µm MIN NICKEL AND ACTION PIN: 0.5µm MIN TIN\LEAD.
   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. CONFORMS TO ALL TESTING ACCORDING TO IEC 61076-4-101 PERFORMANCE LEVEL 1.
5. CONNECTOR TESTED AND QUALIFIED AGAINST TELCORDIA GR-1217-CORE QUALITY LEVEL 3, CENTRAL OFFICE APPLICATIONS.
6. CONNECTOR TESTED AND QUALIFIED AGAINST TELCORDIA GR-1217-CORE QUALITY LEVEL 3, UNCONTROLLED ENVIROMENT APPLICATIONS.
7. CONNECTOR MARKED WITH PART NUMBER AND DATE CODE. ADDITIONAL CHARACTERS OR MARKINGS, AS WELL AS THE LOCATION OF THE MARKINGS, MAY BE ADDED FOR TRACEABILITY BASED UPON MANUFACTURERS DISCRETION.
8. AREA RESERVED FOR KEYING PART (BASIC P.N. 100526).
9. PLATED-THROUGH HOLES AT 2x2mm SQUARE GRID 176 HOLES.
10. CONNECTOR LUBRICATED WITH BELCORE APPROVED LUBRICANT, TECHNICAL REFERENCE: TR-NWT-001217 ISSUE 1, SEP 1992.
11. OBSOLETE PARTS: OBSOLETE CIS STREAMLINING PER D.RENAUD/D.SINISI

PLATED THRU HOLES PARAMETERS
REFERENCE APPLICATION SPECIFICATION

| | | | |
|---|---|---|---|
| 11 | OBSOLETE | 2 6 10 | ~~1-646538-9~~ |
| | OBSOLETE | 2 5 10 | ~~646538-9~~ |
| 11 | OBSOLETE | 2 4 | ~~646538-4~~ |
| | | 2 3 | 646538-1 |
| | | FINISH | PART NUMBER |

THIS DRAWING IS A CONTROLLED DOCUMENT.

DIMENSIONS: mm

TOLERANCES UNLESS OTHERWISE SPECIFIED:
0 PLC ± —
1 PLC ± —
2 PLC ± 0.13 ±0.2
3 PLC ± —
4 PLC ± —
ANGLES ± 4°

MATERIAL 1

FINISH SEE TABLE

| | |
|---|---|
| DWN B.CARBO | 06DEC05 |
| CHK G.SKIPPER | 06DEC05 |
| APVD G.SKIPPER | 06DEC05 |
| PRODUCT SPEC | 108-1622 |
| APPLICATION SPEC | 114-19029 |
| WEIGHT | — |

Tyco Electronics
Tyco Electronics Corporation
Harrisburg, PA 17105-3608

NAME: RECEPTACLE ASSEMBLY, VERTICAL, 176 POSN., TYPE D, 8 ROW, Z-PACK 2mm HM

| SIZE | CAGE CODE | DRAWING NO | RESTRICTED TO |
|---|---|---|---|
| A1 | 00779 | C-646538 | — |

CUSTOMER DRAWING | SCALE 5:1 | SHEET 1 OF 1 | REV F