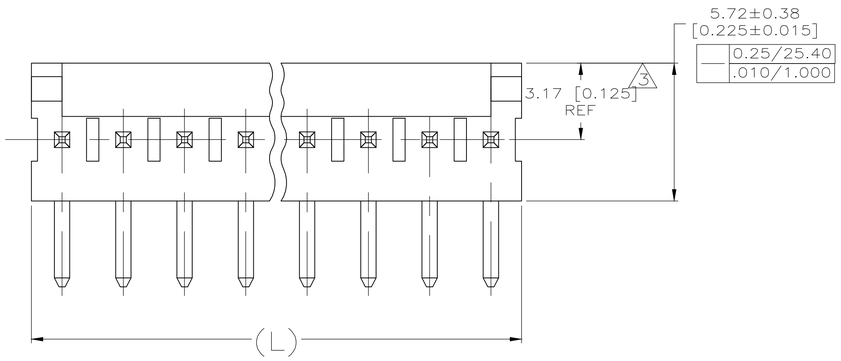
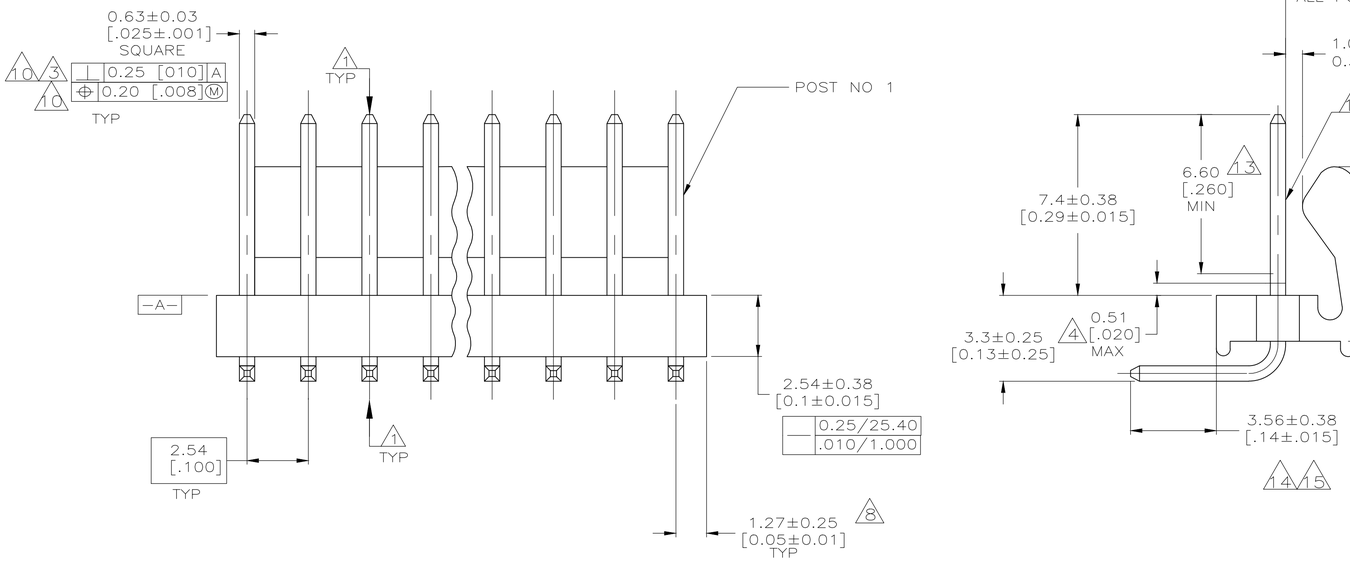
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| LOC | DIST |
|---|---|
| CM | 00 |

REVISIONS

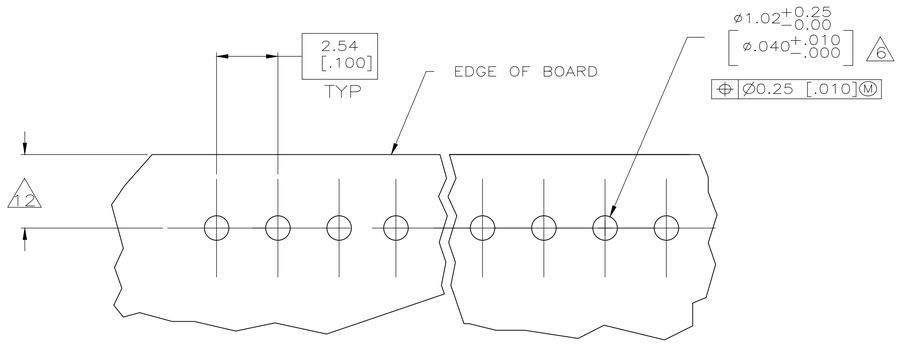
| P | LTR | DESCRIPTION | DATE | DWN | APVD |
|---|---|---|---|---|---|
| | AC1 | REVISED PER ECO-14-011424 | 23SEP14 | MGM | CO |










RECOMMENDED MOUNTING HOLE PATTERN
FOR 1.60 [.063] THICK P.C. BOARD 2

1. POST TO WITHSTAND 13 NEWTONS (3 LBS) MINIMUM AXIAL FORCE IN BOTH DIRECTIONS SHOWN WITHOUT DISLODGING.
2. TOLERANCES APPLY TO SOLDER SIDE OF BOARD.
3. MEASURED AT -A-
4. PLASTIC FLASH PERMITTED IN THIS AREA.
5. PARTS COMPLY WITH AMP SOLDERABILITY SPEC. NO. 109-11-2.
6. ONE HOLE MAY BE UNDERSIZED 0.81-0.89 [.032-.035] DIA. FOR ASSEMBLY RETENTION DURING WAVE SOLDERING.
7. MATERIAL: HEADER-THERMOPLASTIC POLYESTER 94V-0 (NATURAL)
   POST-COPPER ALLOY
   FINISH-USE PLATING NOTES 13 & 14 FOR -2 THRU -28 AND NOTES 13 & 15 FOR -32 THRU -58
8. COORDINATE DIMENSION APPLIES FROM CENTER OF ACTUAL FEATURE.
9. PLASTIC BURRS CAUSED BY CUT-OFF TOOLING ARE PERMITTED WITHIN THE MAXIMUM TOLERANCE ENVELOPE.
10. POSTS TO BE MEASURED WHEN STRIP IS HELD FLAT.
11. POST MUST WITHSTAND TWO 90° BENDS AGAINST EXTRUSION WITHOUT BREAKING.
12. DIMENSION SHOULD BE 2.79-4.06 [.110-.160] MIN WHEN MATING WITH A MTA-100 CONNECTOR ASSEMBLY OR 2.79-3.05 [.110-.120] WHEN MATING WITH A CST-100 CONNECTOR ASSEMBLY.
13. PLATING: GOLD PLATE AREA, 0.00038 [.000015] GOLD OR 0.00008 [.000003] MIN GOLD FLASH OVER 0.00030 [.000012] PALLADIUM NICKEL, PER TE CONNECTIVITY'S DISCRETION, ALL SIDES, OVER NICKEL UNDERPLATE, 0.00127 [.000050] MIN, ALL SIDES AND ENTIRE LENGTH OF POST.
14. PLATING: MATTE TIN PLATE AREA,0.00381-0.00889 [.000150-.000350] THICK, ALL FOUR SIDES 3.56 [.140] MINIMUM.
15. PLATING: MATTE TIN PLATE AREA, 0.00381-0.00889 [.000150-.000350] THICK, ALL FOUR SIDES 3.56 [.140] MINIMUM.
16. OBSOLETE PARTS: OBSOLETE CIS STREAMLINING PER D.RENAUD/D.SINISI

| LEAD FREE | DIM (L) | NO.OF POSN | ASSEMBLY |
|---|---|---|---|
| | 71.12 [2.800] | 28 | 5-641127-8 |
| | 68.58 [2.700] | 27 | 5-641127-7 |
| | 66.04 [2.600] | 26 | 5-641127-6 |
| | 63.50 [2.500] | 25 | 5-641127-5 |
| | 60.96 [2.400] | 24 | 5-641127-4 |
| | 58.42 [2.300] | 23 | 5-641127-3 |
| | 55.88 [2.200] | 22 | 5-641127-2 |
| | 53.34 [2.100] | 21 | 5-641127-1 |
| | 50.80 [2.000] | 20 | 5-641127-0 |
| | 48.26 [1.900] | 19 | 4-641127-9 |
| | 45.72 [1.800] | 18 | 4-641127-8 |
| | 43.18 [1.700] | 17 | 4-641127-7 |
| | 40.64 [1.600] | 16 | 4-641127-6 |
| | 38.10 [1.500] | 15 | 4-641127-5 |
| | 35.56 [1.400] | 14 | 4-641127-4 |
| | 33.02 [1.300] | 13 | 4-641127-3 |
| | 30.48 [1.200] | 12 | 4-641127-2 |
| | 27.94 [1.100] | 11 | 4-641127-1 |
| | 25.40 [1.000] | 10 | 4-641127-0 |
| | 22.86 [.900] | 9 | 3-641127-9 |
| | 20.32 [.800] | 8 | 3-641127-8 |
| | 17.78 [.700] | 7 | 3-641127-7 |
| | 15.24 [.600] | 6 | 3-641127-6 |
| | 12.70 [.500] | 5 | 3-641127-5 |
| | 10.16 [.400] | 4 | 3-641127-4 |
| | 7.62 [.300] | 3 | 3-641127-3 |
| | 5.08 [.200] | 2 | 3-641127-2 |

| AC LEAD FREE | DIM (L) | NO.OF POSN | ASSEMBLY |
|---|---|---|---|
| | 71.12 [2.800] | 28 | ~~2-641127-8~~ 16 SUPERSEDED BY 5-641127-8 |
| | 68.58 [2.700] | 27 | ~~2-641127-7~~ 16 SUPERSEDED BY 5-641127-7 |
| | 66.04 [2.600] | 26 | ~~2-641127-6~~ 16 SUPERSEDED BY 5-641127-6 |
| | 63.50 [2.500] | 25 | ~~2-641127-5~~ 16 SUPERSEDED BY 5-641127-5 |
| | 60.96 [2.400] | 24 | ~~2-641127-4~~ 16 SUPERSEDED BY 5-641127-4 |
| | 58.42 [2.300] | 23 | ~~2-641127-3~~ 16 SUPERSEDED BY 5-641127-3 |
| | 55.88 [2.200] | 22 | ~~2-641127-2~~ 16 SUPERSEDED BY 5-641127-2 |
| | 53.34 [2.100] | 21 | ~~2-641127-1~~ 16 SUPERSEDED BY 5-641127-1 |
| | 50.80 [2.000] | 20 | ~~2-641127-0~~ 16 SUPERSEDED BY 5-641127-0 |
| | 48.26 [1.900] | 19 | ~~1-641127-9~~ 16 SUPERSEDED BY 4-641127-9 |
| | 45.72 [1.800] | 18 | ~~1-641127-8~~ 16 SUPERSEDED BY 4-641127-8 |
| | 43.18 [1.700] | 17 | ~~1-641127-7~~ 16 SUPERSEDED BY 4-641127-7 |
| | 40.64 [1.600] | 16 | 1-641127-6 |
| | 38.10 [1.500] | 15 | ~~1-641127-5~~ 16 SUPERSEDED BY 4-641127-5 |
| | 35.56 [1.400] | 14 | ~~1-641127-4~~ 16 SUPERSEDED BY 4-641127-4 |
| | 33.02 [1.300] | 13 | ~~1-641127-3~~ 16 SUPERSEDED BY 4-641127-3 |
| | 30.48 [1.200] | 12 | 1-641127-2 |
| | 27.94 [1.100] | 11 | ~~1-641127-1~~ 16 SUPERSEDED BY 4-641127-1 |
| | 25.40 [1.000] | 10 | ~~1-641127-0~~ 16 SUPERSEDED BY 4-641127-0 |
| | 22.86 [.900] | 9 | 641127-9 |
| | 20.32 [.800] | 8 | ~~641127-8~~ 16 SUPERSEDED BY 3-641127-8 |
| | 17.78 [.700] | 7 | ~~641127-7~~ 16 SUPERSEDED BY 3-641127-7 |
| | 15.24 [.600] | 6 | 641127-6 |
| | 12.70 [.500] | 5 | 641127-5 |
| | 10.16 [.400] | 4 | 641127-4 |
| | 7.62 [.300] | 3 | 641127-3 |
| | 5.08 [.200] | 2 | 641127-2 |

# METRIC

THIS DRAWING IS A CONTROLLED DOCUMENT.

DIMENSIONS: mm [INCHES]

TOLERANCES UNLESS OTHERWISE SPECIFIED:
0 PLC ±
1 PLC ±
2 PLC ± 0.13 [.005]
3 PLC ±
4 PLC ±
ANGLES ±

MATERIAL 7 FINISH 7

| | | |
|---|---|---|
| DWN | S. HOOVER | 26-JAN-2005 |
| CHK | D. BOSSI | 26-JAN-2005 |
| APVD | D. BOSSI | 26-JAN-2005 |

TE Connectivity

NAME: MTA-100 HEADER ASSEMBLY, FRICTION LOCK, NOTCHED, .025 SQUARE RIGHT ANGLE POST, .000015 GOLD PLATED

PRODUCT SPEC

APPLICATION SPEC

WEIGHT

CUSTOMER DRAWING

| SIZE | CAGE CODE | DRAWING NO | RESTRICTED TO |
|---|---|---|---|
| A1 | 00779 | C-641127 | |

SCALE 8:1 SHEET 1 OF 1 REV AC1

4805 (3/11)

Общество с ограниченной ответственностью «МосЧип» ИНН 7719860671 / КПП 771901001
Адрес: 105318, г.Москва, ул.Щербаковская д.3, офис 1107

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