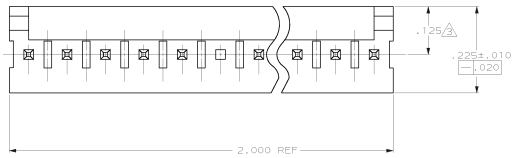
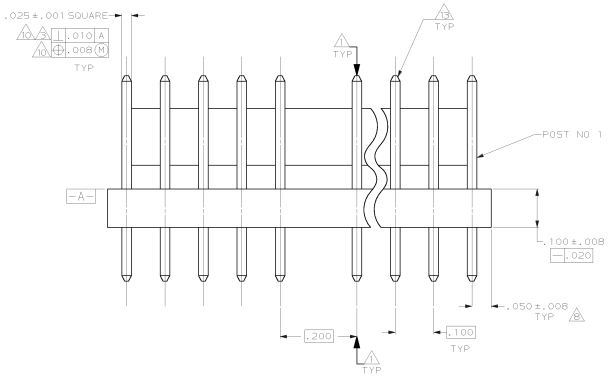
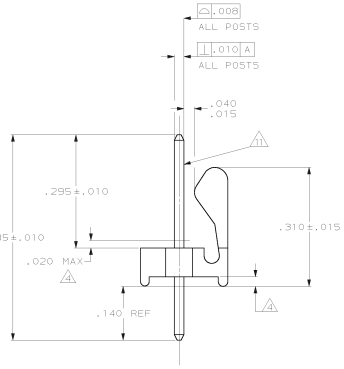
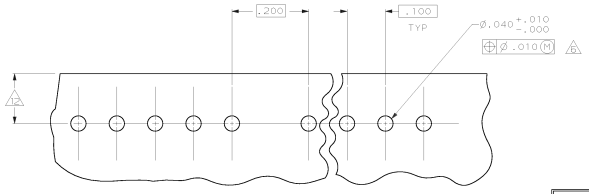
| REVISIONS | | | | | |
|---|---|---|---|---|---|
| LTR | DESCRIPTION | DATE | APPD |
| E | REV PER EC 0638-0018-99 | 01-JUL-99 | KM-GB |




1. POST TO WITHSTAND 13 NEWTONS (3 LBS) MIN. AXIAL FORCE IN BOTH DIRECTIONS SHOWN WITHOUT DISLODGING.
2. TOLERANCES APPLY TO SOLDER SIDE OF BOARD.
3. MEASURED AT SURFACE -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(.032-.035 DIA) FOR ASSEMBLY RETENTION DURING WAVE SOLDERING.
7. MATERIAL: HEADER-THERMOPLASTIC POLYESTER UL94V-0(NATURAL) POST-COPPER ALLOY (TIN-PLATED)
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. POSTS MUSTS WITHSTAND TWO 90° BENDS AGAINST EXTRUSION WITHOUT BREAKING.
12. DIMENSION SHOULD BE .130 MIN WHEN MATING WITH A MTA 100 CONNECTOR ASSEMBLY OR A CST 100 CONNECTOR.
13. PIN BURR OF .005 MAX. VERTICAL AND .003 MAX. HORIZONTAL PERMITTED AT POST TIPS ON BOTH ENDS.




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

644296-1 SHOWN

| POST NO. OMITTED | PART NO |
|---|---|
| 3 | 644296-4 |
| 12 | 644296-3 |
| 4 | 644296-2 |
| 15 | 644296-1 |

| .050 | 1.27 | | |
|---|---|---|---|
| .040 | 1.02 | | |
| .035 | 0.89 | 2.000 | 50.80 |
| .032 | 0.81 | .535 | 13.59 |
| .025 | 0.64 | .310 | 7.87 |
| .020 | 0.51 | .295 | 7.49 |
| .015 | 0.38 | .225 | 5.72 |
| .010 | 0.25 | .200 | 5.08 |
| .008 | 0.20 | .140 | 3.56 |
| .005 | 0.13 | .130 | 3.30 |
| .003 | 0.08 | .125 | 3.18 |
| .001 | 0.03 | .100 | 2.54 |
| .000 | 0.00 | .063 | 1.60 |
| IN | MM | IN | MM |

CONVERSION TABLE

METRIC

THIS DRAWING IS A CONTROLLED DOCUMENT FOR AMP INCORPORATED. IT IS SUBJECT TO CHANGE AND THE CONTROLLING ENGINEERING ORGANIZATION SHOULD BE CONTACTED FOR THE LATEST REVISION.

DO NOT SCALE PRINT.
UNLESS SPECIFIED DIMENSIONS IN mm [INCHES]
TOLERANCES ON :
2 PLC DEC ± .
3 PLC DEC ± .005
ANGLES ± 0°30'
MATERIAL 7
FINISH 7

DR 3-10-95 J. HUFFMAN
CHK 3-10-95 R. SWING
APPD 3-10-95 B. GENTRY
APPD 3-10-95 B. GENTRY
PRODUCT SPEC -
APPLICATION SPEC -
WEIGHT -

AMP Incorporated
Harrisburg, PA 17105-3608

NAME MTA-100 HEADER ASSEMBLY,FRICTION LOCK, NOTCHED,.025 SQUARE STRAIGHT POST,TIN PLATED, 20 POSITION, OMITTED POST

SIZE D | CAGE CODE 00779 | DRAWING NO C-644296

SCALE 8:1 | SHEET 1 OF 1

CUSTOMER DRAWING

AMP 1766-9 REV B 02
2D
01-JUL-99 15:28:37 amp19538 /home/amp19538/edsmod