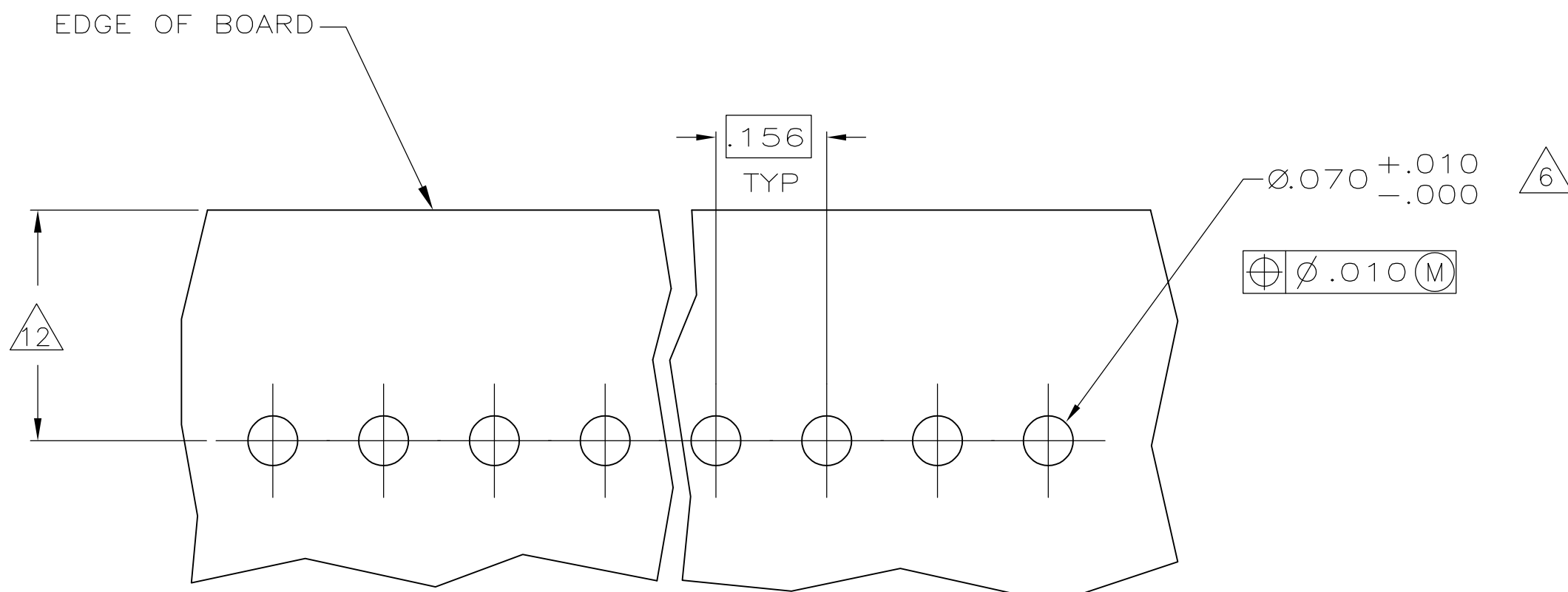
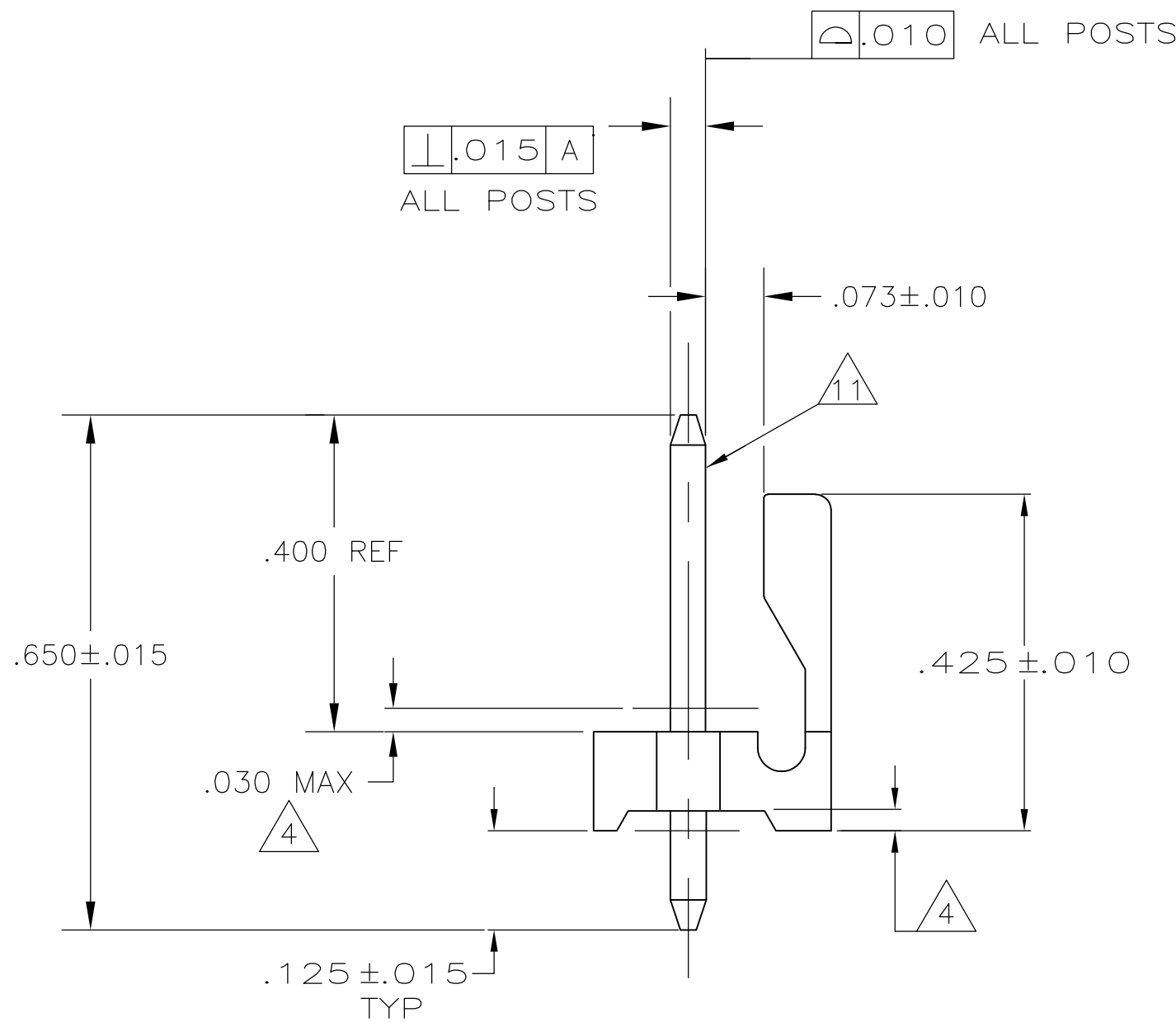
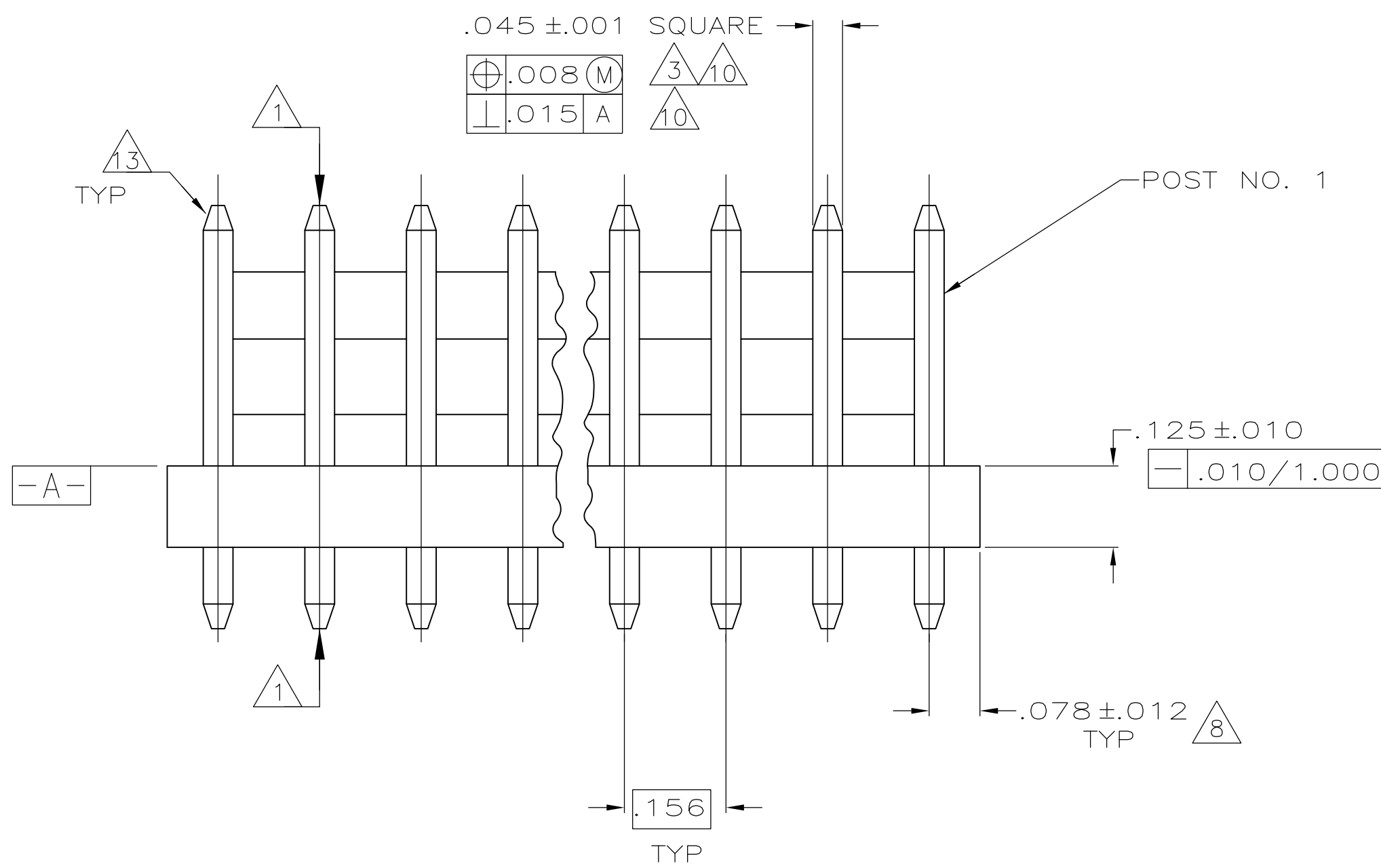
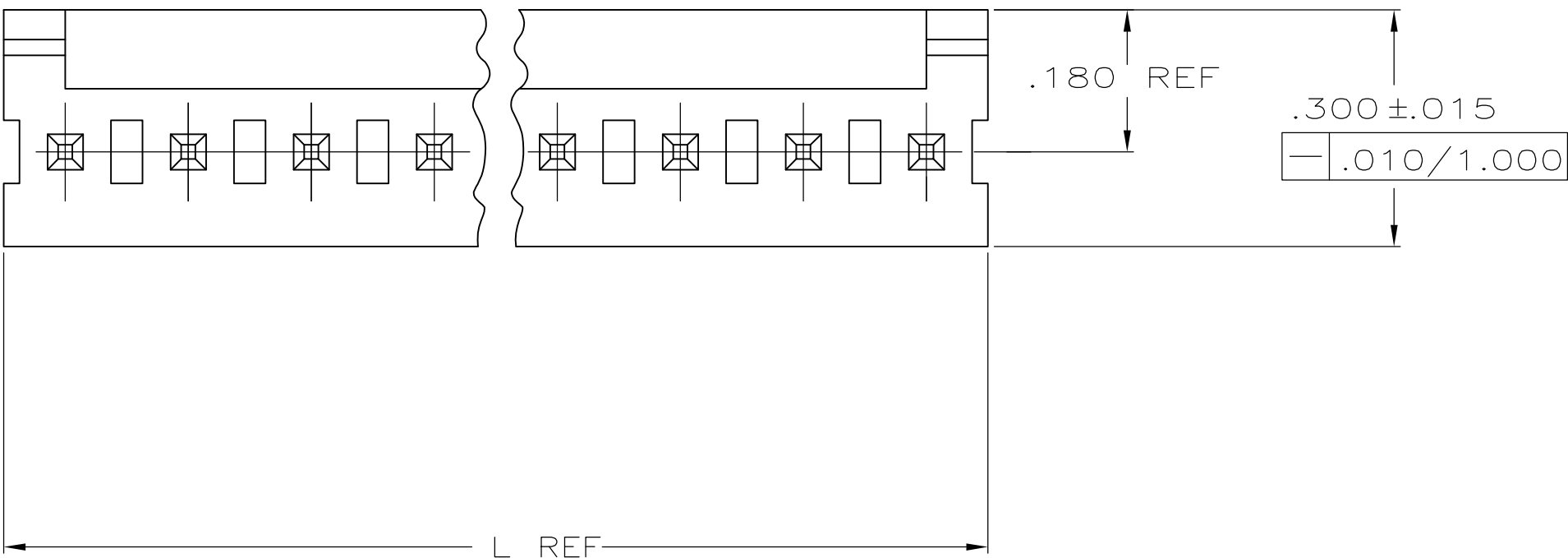


D

C

B

A



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

METRIC

| .068 | 1.73 | 1.000 | 25.40 |
|------|------|-------|-------|
| .065 | 1.65 | .700  | 17.78 |
| .063 | 1.60 | .450  | 11.43 |
| .060 | 1.52 | .425  | 10.80 |
| .045 | 1.14 | .400  | 10.16 |
| .030 | 0.76 | .300  | 7.62  |
| .015 | 0.38 | .180  | 4.57  |
| .012 | 0.30 | .175  | 4.45  |
| .010 | 0.25 | .156  | 3.96  |
| .008 | 0.20 | .125  | 3.18  |
| .005 | 0.13 | .078  | 1.98  |
| .003 | 0.08 | .073  | 1.85  |
| .001 | 0.03 | .070  | 1.78  |
| [IN] | MM   | [IN]  | MM    |

CONVERSION TABLE

- POST TO WITHSTAND 13 NEWTONS (3LBS.) MIN. AXIAL FORCE IN BOTH DIRECTIONS SHOWN WITHOUT DISLODGING.
- TOLERANCES APPLY TO SOLDER SIDE OF BOARD.
- MEASURED AT SURFACE -A-
- PLASTIC FLASH PERMITTED IN THIS AREA.
- PARTS COMPLY WITH AMP SOLDERABILITY SPEC. NO. 109-11-2.
- ONE HOLE MAY BE UNDERSIZED (.065/.060 DIA.) FOR ASSEMBLY RETENTION DURING WAVE SOLDERING.
- MATERIAL: HEADER-THERMOPLASTIC POLYESTER  
GLASS-FILLED 94V-0 (NATURAL)  
POST-COPPER ALLOY (TIN PLATED)
- COORDINATE DIMENSION APPLIES FROM CENTER OF ACTUAL FEATURE.
- PLASTIC BURRS CAUSED BY CUT-OFF TOOLING ARE PERMITTED WITHIN THE MAXIMUM TOLERANCE ENVELOPE.
- POST TO BE MEASURED WHEN STRIP IS HELD FLAT.
- POST MUST WITHSTAND TWO 90° BENDS AGAINST EXTRUSION WITHOUT BREAKING.
- DIMENSION SHOULD BE .175 MIN WHEN MATING WITH A MTA-156 CONNECTOR ASSEMBLY OR A SL-156 CONNECTOR ASSEMBLY.
- PIN BURR OF .005 MAX. VERTICAL AND .003 MAX. HORIZONTAL PERMITTED AT POST TIPS ON BOTH ENDS.
- SPECIAL PACKAGING VARIATION FOR IMPROVED PRODUCT PROTECTION.

|       |       |                     |             |
|-------|-------|---------------------|-------------|
| 31.70 | 1.248 | 8                   | 3-640445-8  |
| 95.10 | 3.744 | 24                  | 2-640445-4  |
| 91.14 | 3.588 | 23                  | 2-640445-3  |
| 87.17 | 3.432 | 22                  | 2-640445-2  |
| 83.21 | 3.276 | 21                  | 2-640445-1  |
| 79.25 | 3.120 | 20                  | 2-640445-0  |
| 75.29 | 2.964 | 19                  | 1-640445-9  |
| 71.32 | 2.808 | 18                  | 1-640445-8  |
| 67.36 | 2.652 | 17                  | 1-640445-7  |
| 63.40 | 2.496 | 16                  | 1-640445-6  |
| 59.44 | 2.340 | 15                  | 1-640445-5  |
| 55.47 | 2.184 | 14                  | 1-640445-4  |
| 51.51 | 2.028 | 13                  | 1-640445-3  |
| 47.55 | 1.872 | 12                  | 1-640445-2  |
| 43.59 | 1.716 | 11                  | 1-640445-1  |
| 39.62 | 1.560 | 10                  | 1-640445-0  |
| 35.66 | 1.404 | 9                   | 640445-9    |
| 31.70 | 1.248 | 8                   | 640445-8    |
| 27.74 | 1.092 | 7                   | 640445-7    |
| 23.77 | .936  | 6                   | 640445-6    |
| 19.81 | .780  | 5                   | 640445-5    |
| 15.85 | .624  | 4                   | 640445-4    |
| 11.89 | .468  | 3                   | 640445-3    |
| 7.92  | .312  | 2                   | 640445-2    |
| MM    | [IN]  | NUMBER OF POSITIONS | PART NUMBER |

THIS DRAWING IS A CONTROLLED DOCUMENT.

DWN  
S. HOOVER

CHK  
D. BOSSI

APVD  
D. BOSSI

DIMENSIONS:  
INCHES

TOLERANCES UNLESS OTHERWISE SPECIFIED:

0 PLC ±  
1 PLC ±  
2 PLC ±  
3 PLC ±  
4 PLC ±  
ANGLES ±

MATERIAL

FINISH

WEIGHT

CUSTOMER DRAWING

SCALE 5:1

SHEET 1 OF 1

REV AA1

TE Connectivity

MTA-156 HEADER ASSEMBLY,  
FRICTION LOCK, STRAIGHT  
.045 SQUARE POST, TIN PLATED

SIZE  
A1

CAGE CODE  
00779

DRAWING NO  
640445

RESTRICTED TO