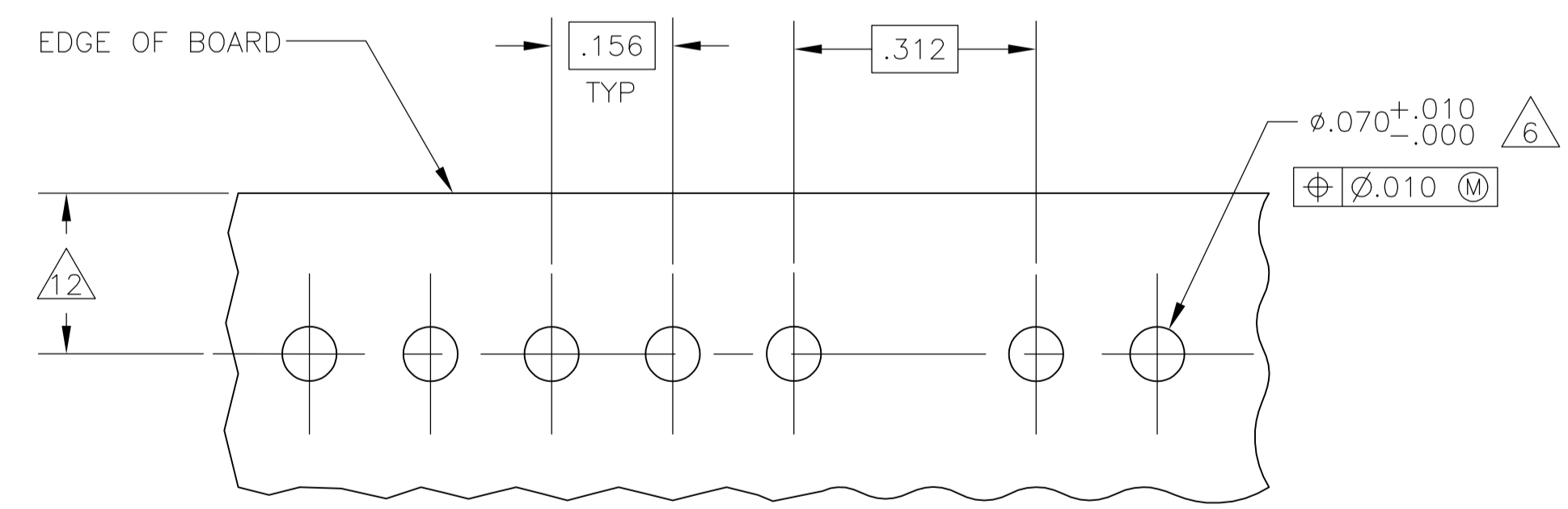
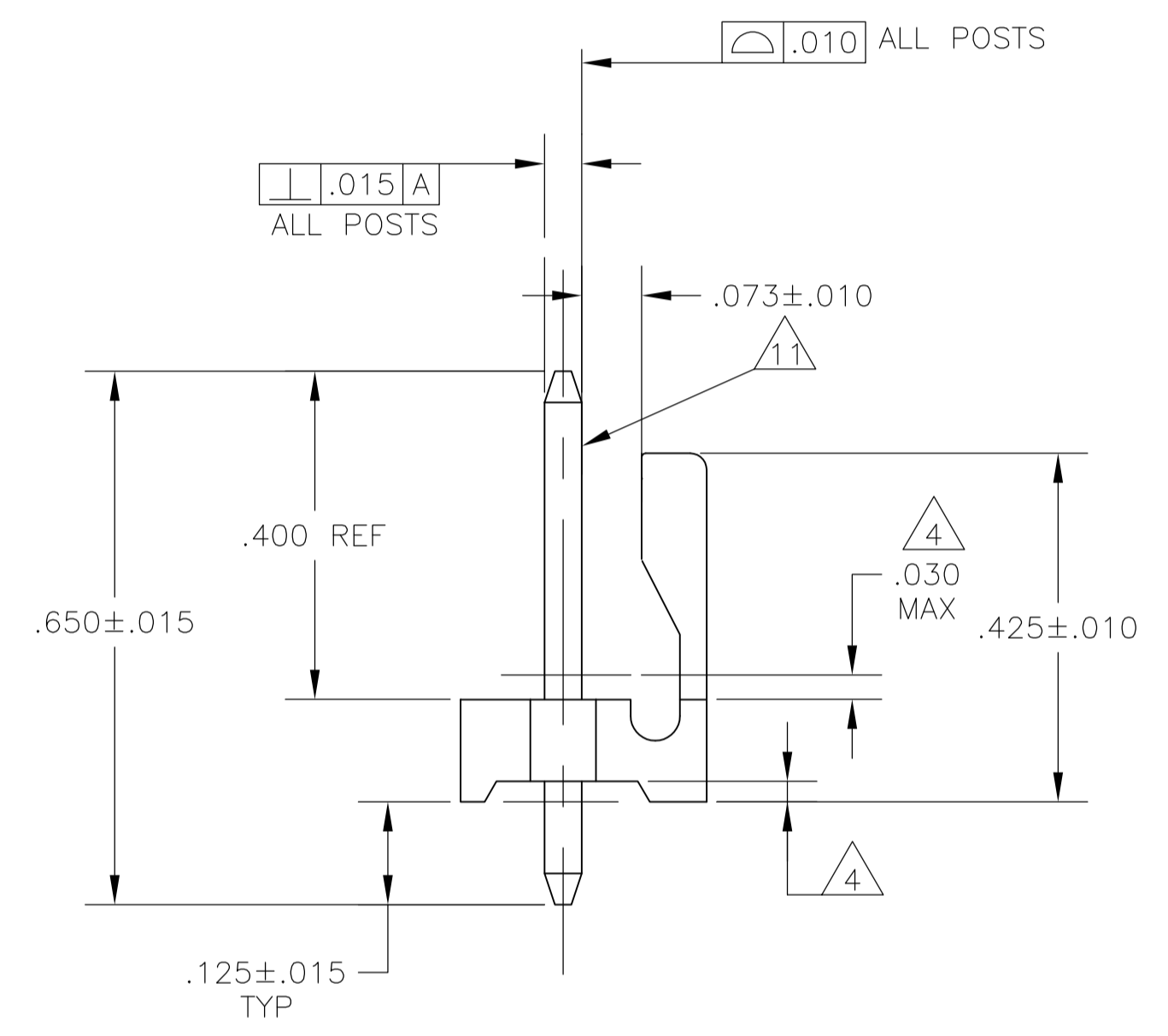
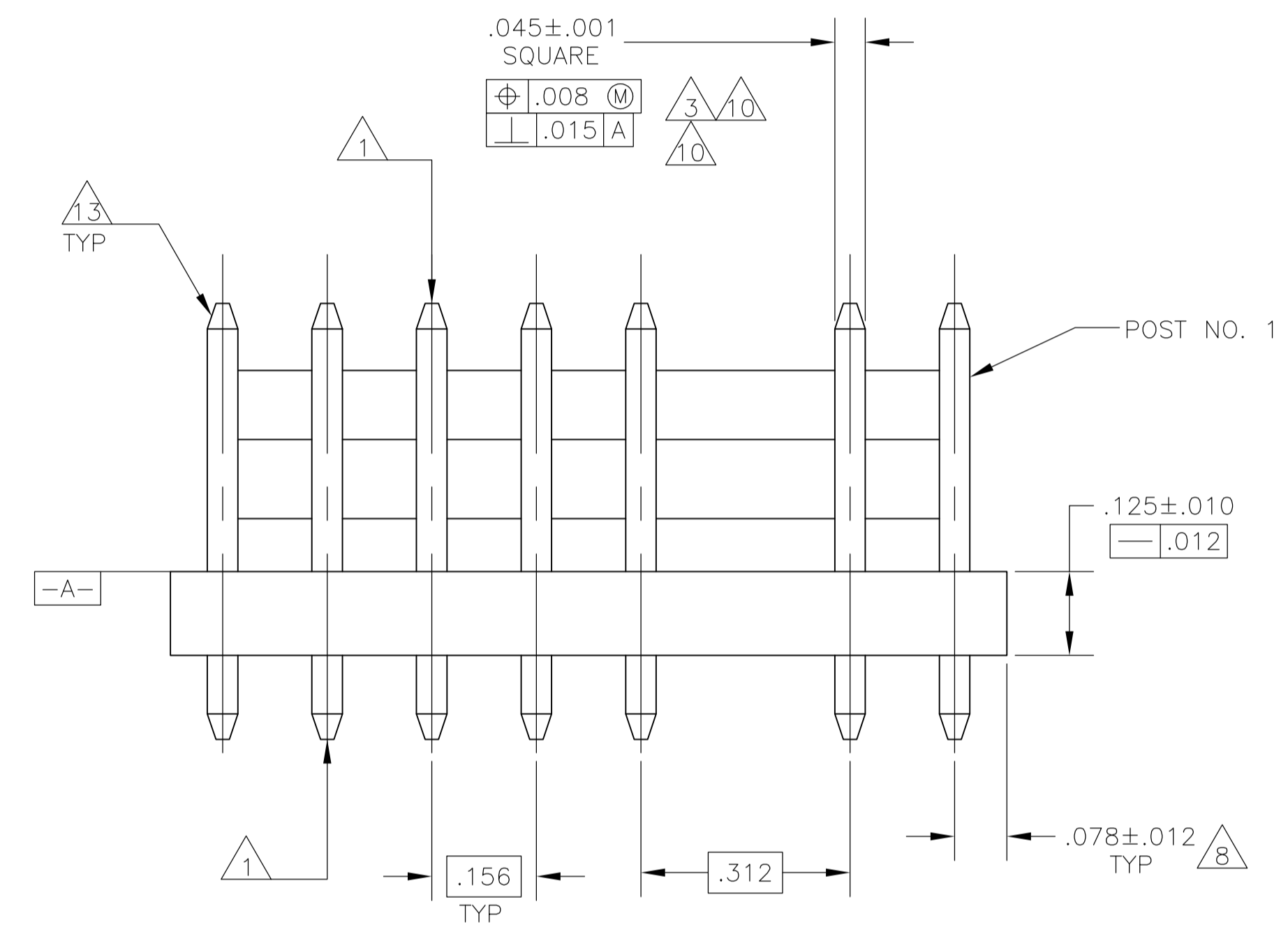


- 1 POST TO WITHSTAND 13 NEWTONS (3LBS.) MIN. AXIAL FORCE IN BOTH DIRECTIONS SHOWN WITHOUT DISLODGING.
- 2 TOLERANCES APPLY TO SOLDER SIDE OF BOARD.
- 3 MEASURED AT SURFACE -A-
- 4 PLASTIC FLASH PERMITTED IN THIS AREA.
- 5 PARTS COMPLY WITH AMP SOLDERABILITY SPEC. NO. 109-11-2.
- 6 ONE HOLE MAY BE UNDERSIZED (.065/.060 DIA.) FOR ASSEMBLY RETENTION DURING WAVE SOLDERING.
- 7 MATERIAL: HEADER-THERMOPLASTIC POLYESTER  
GLASS-FILLED 94V-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 POST TO BE MEASURED WHEN STRIP IS HELD FLAT.
- 11 POST MUST WITHSTAND TWO 90° BENDS AGAINST EXTRUSION WITHOUT BREAKING.
- 12 DIMENSION SHOULD BE .175 MIN WHEN MATING WITH A MTA 156 CONNECTOR ASSEMBLY OR A SL-156 CONNECTOR ASSEMBLY.
- 13 PIN BURR OF .005 MAX. VERTICAL AND .003 MAX. HORIZONTAL PERMITTED AT POST TIPS ON BOTH ENDS.
- 14 SPECIAL PACKAGING VARIATION FOR IMPROVED PRODUCT PROTECTION.
- 15 PRELIMINARY PART - NOT FOR PRODUCTION.



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

| [IN]  | MM    | [IN] | MM    |
|-------|-------|------|-------|
| 1.248 | 31.70 |      |       |
| .065  | 1.65  | .700 | 17.78 |
| .063  | 1.60  | .450 | 11.43 |
| .060  | 1.52  | .425 | 10.80 |
| .045  | 1.14  | .312 | 7.92  |
| .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  | .070 | 1.78  |
| .001  | 0.03  | .068 | 1.73  |
| [IN]  | MM    | [IN] | MM    |

CONVERSION TABLE

641922-2 SHOWN

|                     |             |
|---------------------|-------------|
| 2                   | 2-641922-3  |
| 3 & 4               | 1-641922-4  |
| 5                   | 1-641922-3  |
| 3,4,6,7             | 1-641922-2  |
| 5 & 7               | 1-641922-1  |
| 3,5,8               | 1-641922-0  |
| 1,3,5,7             | 641922-9    |
| 6                   | 641922-8    |
| 7                   | 641922-7    |
| 4 & 6               | 641922-6    |
| 2,5,7               | 641922-5    |
| 2                   | 641922-3    |
| 3                   | 641922-2    |
| 4                   | 641922-1    |
| POST NUMBER OMITTED | PART NUMBER |

THIS DRAWING IS A CONTROLLED DOCUMENT.

|                    |  |                        |   |
|--------------------|--|------------------------|---|
| DIMENSIONS: INCHES | TOLERANCES UNLESS OTHERWISE SPECIFIED: | DIN S. HOOVER 07NOV02  | NAME  |
| 0 PLC ±            | 1 PLC ±                                | CHK: D. ROSSI 07NOV02  | MTA-156 HEADER ASSEMBLY, FRICTION LOCK, STRAIGHT .045 SQUARE POST, TIN PLATED, 8 POSITION, OMITTED POST |
| 2 PLC ±            | 3 PLC ±                                | APVD: D. ROSSI 07NOV02 | APPLICATION SPEC  |
| 4 PLC ±            | ANGLES ±                               | SIZE                   | CAGE CODE   |
|                    |  | A1                     | 00779   |
| MATERIAL           | FINISH                                 | WEIGHT                 | DRAWING NO  |
|                    |  |                        | 641922  |
|                    |  | CUSTOMER DRAWING       | SCALE 5:1 SHEET 1 OF 1 REV AF   |

STE TE Connectivity