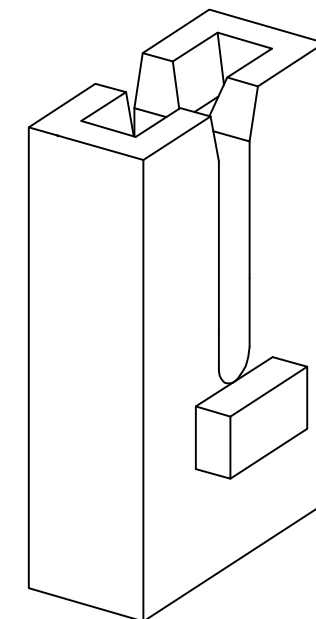
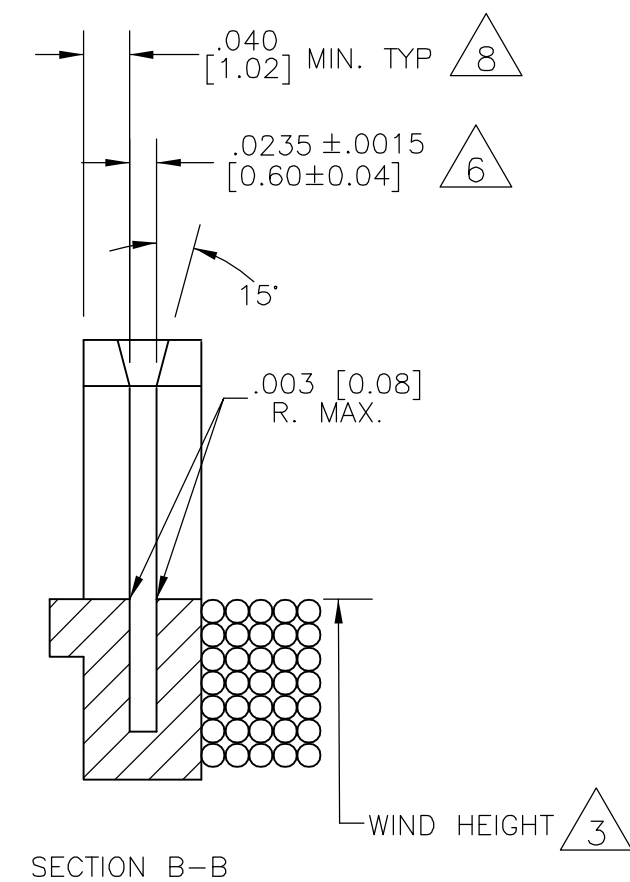
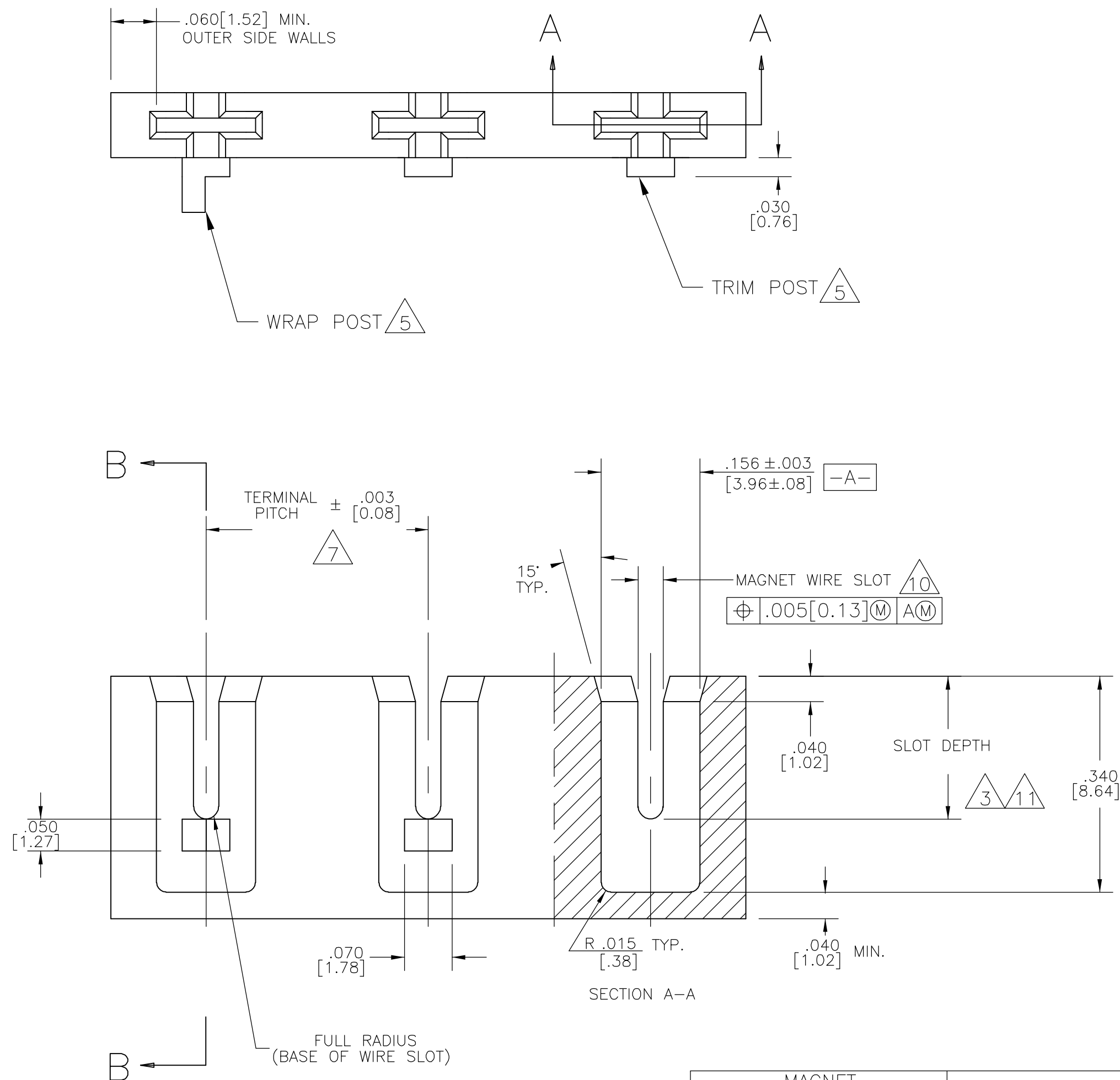


|     |      |           |     |                           |         |     |      |
|-----|------|-----------|-----|---------------------------|---------|-----|------|
| LOC | DIST | REVISIONS |     |                           |         |     |      |
| AF  | 50   | P         | LTR | DESCRIPTION               | DATE    | DWN | APVD |
|     |      |           | B   | REVISED PER ECR-07-006768 | 05APR07 | HMR | GJ   |

- 1 DIMENSIONS SPECIFIED MAY VARY PER CUSTOMER APPLICATION, DO NOT TOOL WITHOUT TYCO ELECTRONICS REVIEW AND APPROVAL.
- 2 TYCO ELECTRONICS REQUIRES THE FOLLOWING INFORMATION IN ORDER TO APPROVE THE CUSTOMERS APPLICATION DRAWINGS, WIRE RANGE AND INSULATION THICKNESS.
- 3 MAGNET WIRE COIL MUST NOT EXCEED HEIGHT OF MAGNET WIRE SLOT AS SHOWN UNLESS PROVISIONS ARE MADE TO KEEP "FINISH" WIRE FLAT AGAINST BASE OF WIRE SLOT.
- 4 MATERIAL RECOMMENDED: NYLON 6/6 AND NYLON 6/6 30% GLASS FILLED. OTHER MATERIALS ARE ACCEPTABLE HOWEVER, CONSULT TYCO ELECTRONICS FOR SPECIFICATIONS.
- 5 30 AWG. ( $\phi$  .01 [0.26]) WIRE AND FINER REQUIRES WIRE WRAP POST INSTEAD OF TRIM POST. SEE SPEC. DRW. #1601447.
- 6 MUST MAINTAIN SLOT THICKNESS (.0235) [0.60] INCLUDING DRAFT ANGLE FROM BOTTOM OF POCKET TO .015[0.38] MINIMUM ABOVE BASE OF WIRE SLOT. (.028[0.71] MAX.THICKNESS AT TOP).
- 7 WHENEVER POSSIBLE, POCKET PITCH TO MATCH TERMINAL PITCH. MINIMUM PITCH TO BE .197 [5.00].
- 8 .060 [1.52] MIN. WALL THICKNESS RECOMMENDED ON TRIM POST SIDE WHEN WIRE TRIMMING IS REQUIRED.
- 9 FOR BUSSED TAB SIAMEZE TERMINALS A BUSSED TAB POCKET PER DRAWING #1601426 MAY BE REQUIRED. CUSTOMER SHOULD CONSULT TYCO ELECTRONICS FOR EACH PARTICULAR APPLICATION.
- 10 SIZE THIS SLOT FOR LARGEST WIRE DIA. CONSULT MOLD VENDOR IF SMALLER THAN .020 [0.51] IS TO BE SPECIFIED.
- 11 REFER TO TABLE. CONSULT TYCO ELECTRONICS IF WIRE SIZE TO BE USED, OVERLAP THE RANGES SHOWN.
- 12 SLOT DEPTH DIMENSIONS ARE FOR CONNECTING ONE MAGNET WIRE WITH A MOVING BEAM SIAMEZE CONTACT. CONSULT TYCO ELECTRONICS FOR BIFILAR (2 WIRE) CONNECTIONS.



| MAGNET<br>WIRE SIZE<br>AWG [mm DIA] | SLOT DEPTH "X"<br>±0.003 [±0.08] |
|-------------------------------------|----------------------------------|
| #18-#21.5 [1.02-0.69]               | .245 [6.22]                      |
| #22-#25.5 [0.65-0.43]               | .233 [5.92]                      |
| #26-#29.5 [0.41-0.27]               | .225 [5.72]                      |
| #30-#33.5 [0.25-0.17]               | .220 [5.59]                      |
| #34-#36 [0.16-0.13]                 | .217 [5.51]                      |

|                                                                                                                                                                                                   |  |                                       |  |                                                                                                                                                 |                    |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|---------------------------------------|--|-------------------------------------------------------------------------------------------------------------------------------------------------|--------------------|
| THIS DRAWING IS A CONTROLLED DOCUMENT.                                                                                                                                                            |  | DWN<br>MICHAEL S. FEHR<br>05APR2002   |  |  Tyco Electronics Corporation<br>Harrisburg, Pa 17105-3608 |                    |
| DIMENSIONS:<br>INCHES                                                                                                                                                                             |  | CHK<br>GENE JACOBO<br>05APR2002       |  | NAME<br><br>STANDARD TAB<br>SIAMEZE POCKET SPECIFICATION                                                                                        |                    |
| TOLERANCES UNLESS OTHERWISE SPECIFIED:                                                                                                                                                            |  | APVD<br>KURT A. RANDOLPH<br>05APR2002 |  |                                                                                                                                                 |                    |
|  0 PLC ± -<br>1 PLC ± -<br>2 PLC ± .01 [0.25]<br>3 PLC ± .005 [0.13]<br>4 PLC ± .0010 [0.026]<br>ANGLES ± 2° |  | PRODUCT SPEC<br>-                     |  |                                                                                                                                                 |                    |
| MATERIAL                                                                                                                                                                                          |  | APPLICATION SPEC<br>114-13166         |  |                                                                                                                                                 |                    |
|  FINISH -                                                                                                    |  | WEIGHT -                              |  | SIZE<br>A2                                                                                                                                      | CAGE CODE<br>00779 |
|                                                                                                                                                                                                   |  |                                       |  | DRAWING NO<br>C-1601425                                                                                                                         | RESTRICTED TO<br>- |
| CUSTOMER DRAWING                                                                                                                                                                                  |  |                                       |  | SCALE<br>4:1                                                                                                                                    | SHEET<br>1 of 1    |
|                                                                                                                                                                                                   |  |                                       |  | REV<br>B                                                                                                                                        |                    |