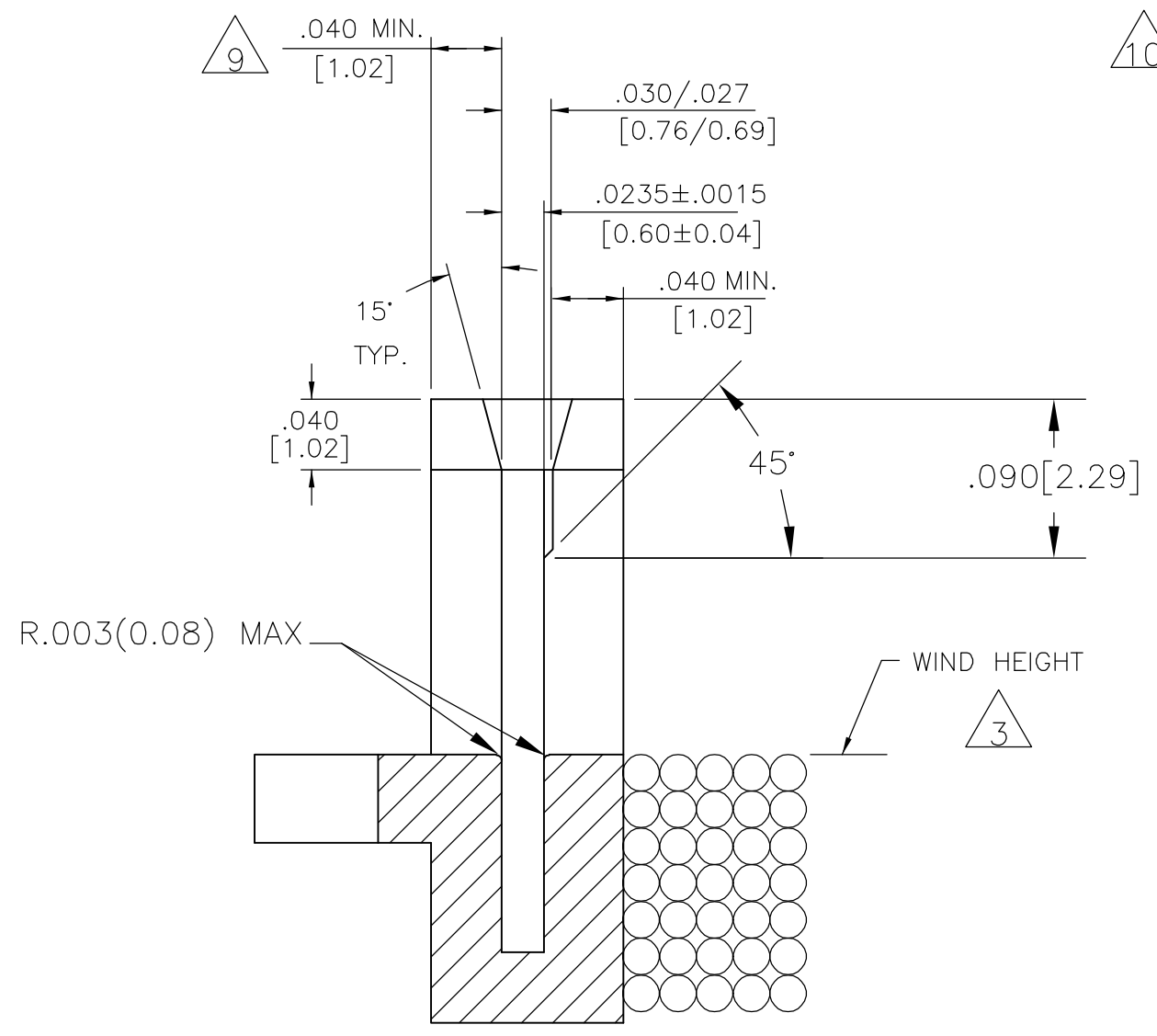
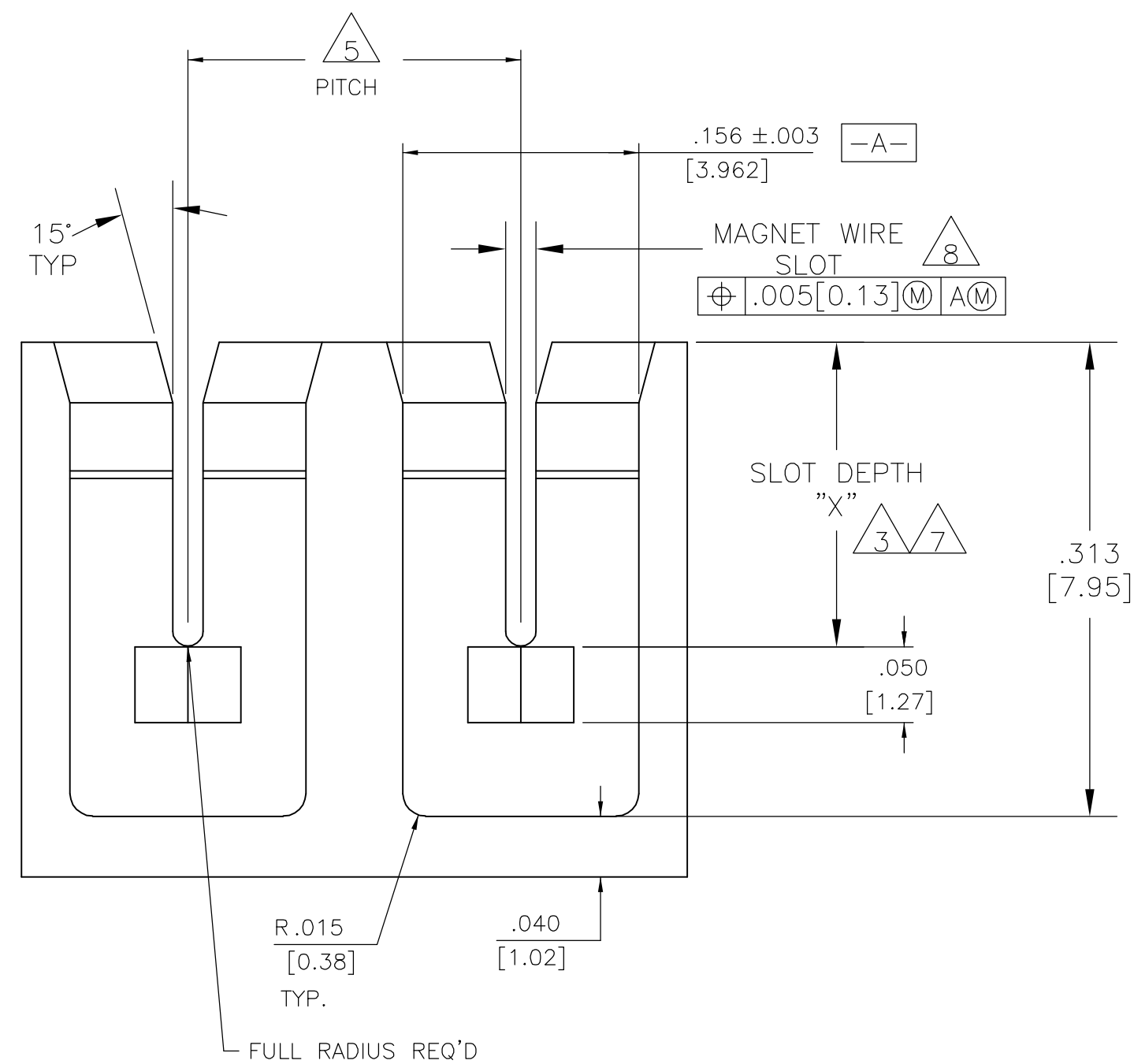
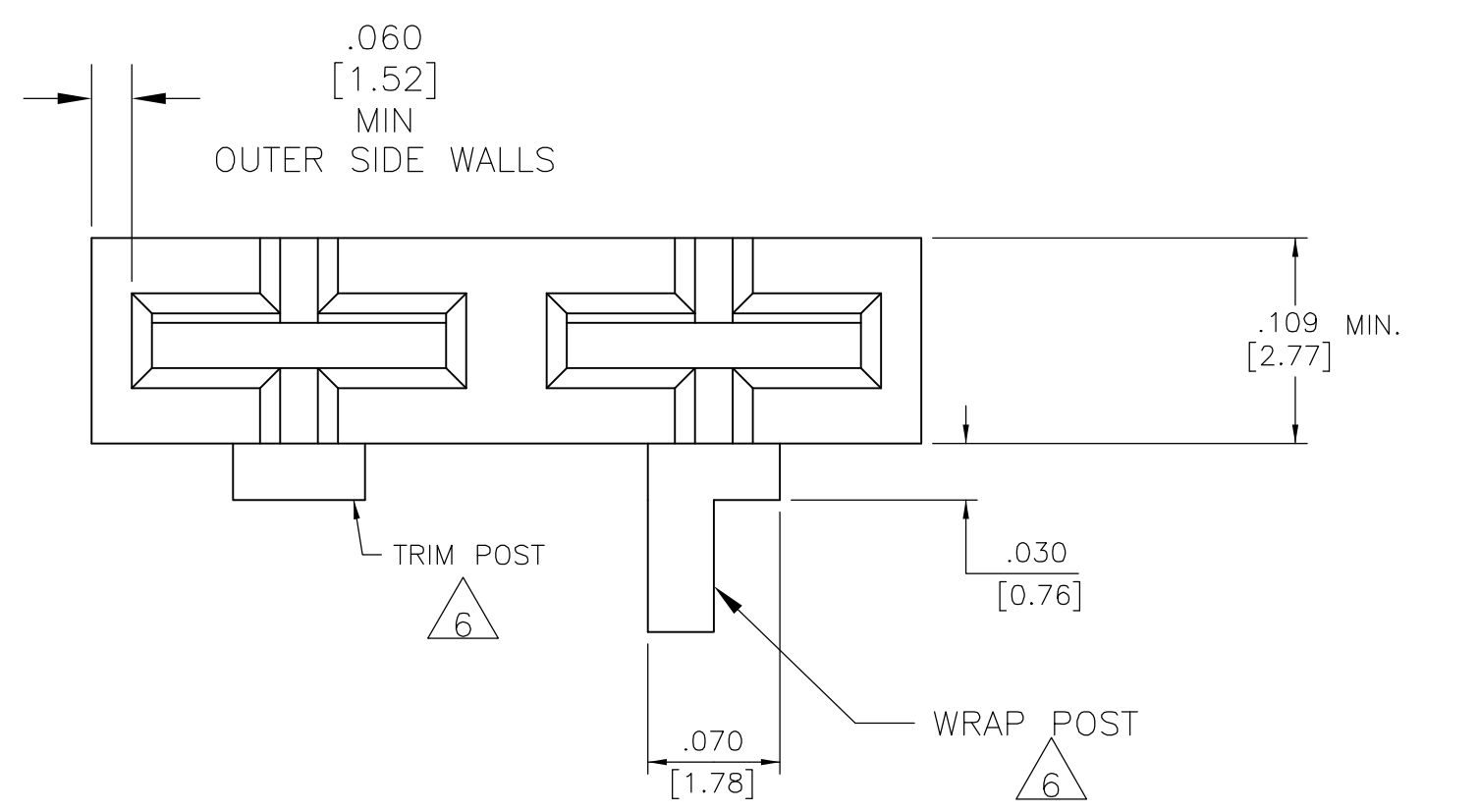


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| LOC | | DIST | | REVISIONS | | | | | |
|-----|--|------|--|-----------|-----|---------------------------|---------|-----|------|
| AF | | 50 | | P | LTR | DESCRIPTION | DATE | DWN | APVD |
| | | | | A | | REVISED PER ECR-07-006768 | 05APR07 | HMR | 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, MAGNET WIRE RANGE AND TYPE.
- 3 MAGNET WIRE COIL MUST NOT EXCEED HEIGHT OF MAGNET WIRE SLOT AS SHOWN.
- 4 MATERIAL RECOMMENDED: NYLON 6/6 30% GLASS FILLED. OTHER MATERIALS ARE ACCEPTABLE HOWEVER, CONSULT TYCO ELECTRONICS FOR SPECIFICATIONS.
- 5 MINIMUM PITCH TO BE .197 [5.0 mm]
- 6 WRAP POST REQUIRED FOR WIRE SIZES #30 AWG AND SMALLER.SEE SPEC DRAWING # 1601447.
- 7 REFER TO CHART, CONSULT TYCO ELECTRONICS IF WIRE SIZE TO BE USED OVERLAP THE RANGES SHOWN.
- 8 SIZE THIS SLOT FOR LARGEST WIRE DIA. CONSULT MOLD VENDOR IF SMALLER THAN .020 [0.51] IS TO BE SPECIFIED.
- 9 .060 [1.52] MIN. WALL THICKNESS RECOMMENDED ON TRIM POST SIDE WHEN WIRE TRIMMING IS REQUIRED.
- 10 SLOT DEPTH DIMENSIONS ARE FOR CONNECTING ONE MAGNET WIRE WITH A MOVING BEAM SIAMEZE CONTACT. CONSULT TYCO ELECTRONICS FOR BIFILAR (2 WIRE) CONNECTIONS.



| MAGNET WIRE SIZE AWG [mm DIA] | SLOT DEPTH "X" ±.003 [±0.08] 10 |
|-------------------------------|---------------------------------|
| #18-#21.5 [1.02-0.69] | .219 [5.56] |
| #22-#25.5 [0.65-0.43] | .206 [5.23] |
| #26-#29.5 [0.41-0.27] | .198 [5.03] |
| #30-#33.5 [0.25-0.17] | .193 [4.90] |
| #34-#36 [0.16-0.13] | .190 [4.83] |

| | | | | |
|--|----------|-----------------------|---|-----------------|
| THIS DRAWING IS A CONTROLLED DOCUMENT. | | DWN jr ruth 23OCT03 | Tyco Electronics Corporation Harrisburg, Pa 17105-3608 | |
| DIMENSIONS: INCHES | | CHK G JACONO 23OCT03 | | |
| TOLERANCES UNLESS OTHERWISE SPECIFIED: | | APVD G JACONO 23OCT03 | NAME | |
| 0 PLC ± - | | PRODUCT SPEC | POCKET (CAVITY) SPECIFICATION | |
| 1 PLC ± - | | APPLICATION SPEC | SIZE A2 | CAGE CODE 00779 |
| 2 PLC ± .01 [0.25] | | 114-13166 | DRAWING NO C=1601475 | RESTRICTED TO - |
| 3 PLC ± .005 [0.13] | | | SCALE 10:1 | SHEET 1 OF 1 |
| 4 PLC ± - 2' | | | | REV A |
| MATERIAL 4 | FINISH - | WEIGHT - | CUSTOMER DRAWING | |

1601475

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