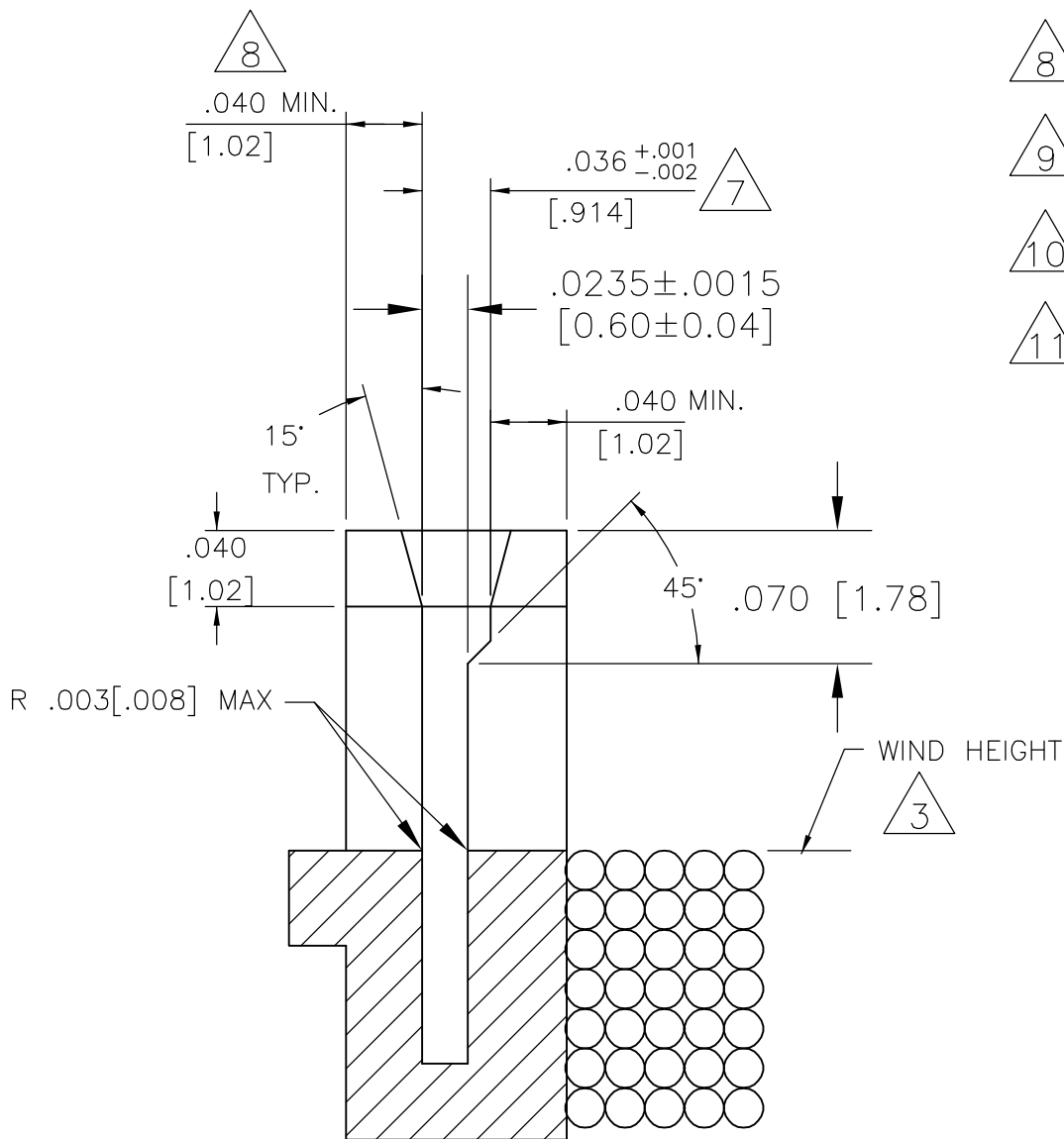
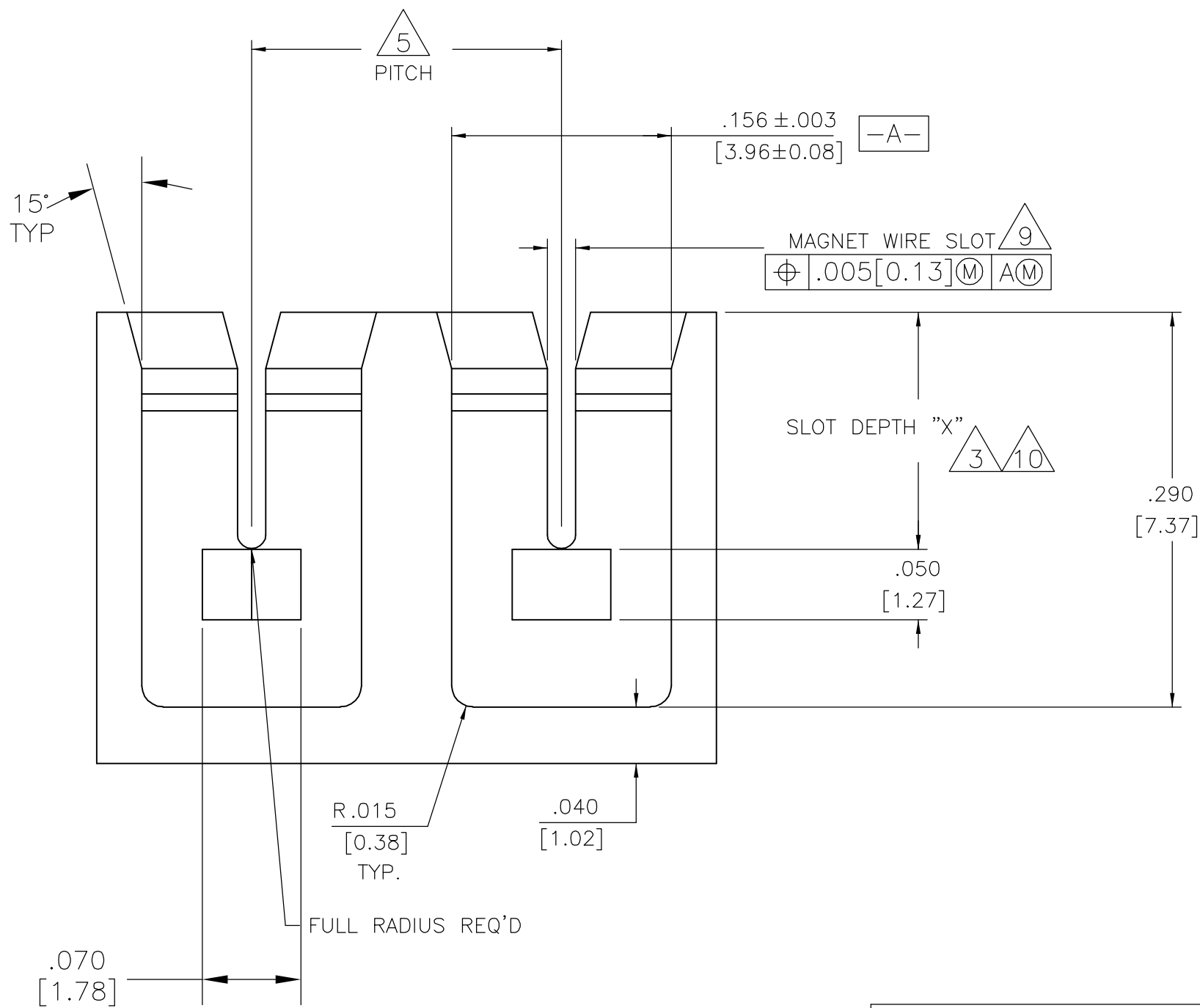
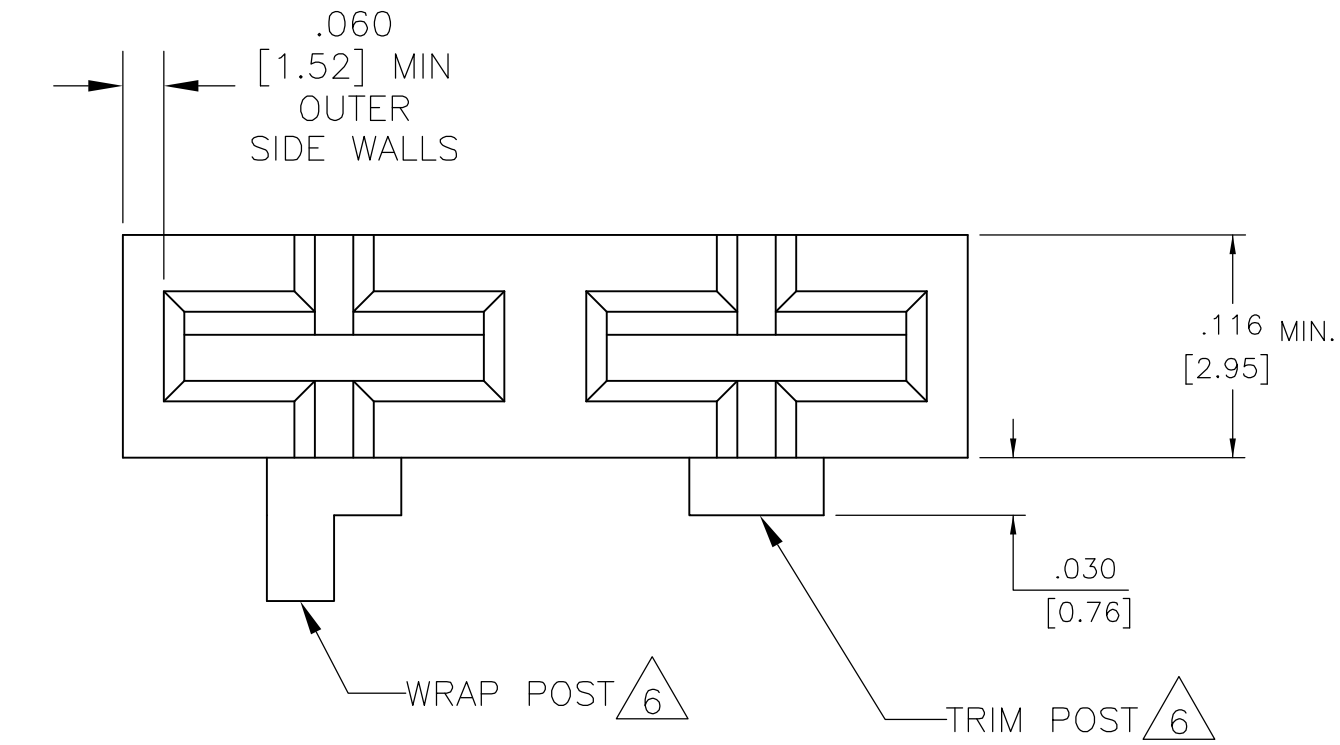


LOC	DIST	REVISIONS					
		P	LTR	DESCRIPTION	DATE	DWN	APVD
AF	50		B	REVISED PER ECR-07-006768	05APR07	HMR	GJ



MAGNET WIRE SIZE AWG [mm DIA]	SLOT DEPTH "X" ±.003 [±0.08] 11
#18-#21.5 [1.02-0.69]	.195 [4.95]
#22-#25.5 [0.65-0.43]	.183 [4.65]
#26-#29.5 [0.41-0.27]	.175 [4.45]
#30-#33.5 [0.25-0.17]	.170 [4.32]
#34-#36 [0.16-0.13]	.167 [4.24]

- 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 DRAWING, MAGNET WIRE RANGE AND TYPE
- 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 MINIMUM PITCH TO BE .197[5.0 mm]
- 6 30 AWG [0.26mm] WIRE AND SMALLER REQUIRES WIRE A WRAP POST INSTEAD OF TRIM POST. SEE SPEC. DRW. #1601447.
- 7 DIMENSION SHOWN IS FOR THE TERMINALS WITH A .032[0.8] THICK BLADE. FOR TERMINALS WITH .025[0.64] TICK BLADE, REDUCE THIS DIMENSION TO .029[0.74]
- 8 .060 [1.52] MIN. WALL THICKNESS RECOMMENDED ON TRIM POST SIDE WHEN WIRE TRIMMING IS REQUIRED.
- 9 SIZE THIS SLOT FOR LARGEST WIRE DIA. CONSULT MOLD VENDOR IF SMALLER THAN .020 [0.51] IS TO BE SPECIFIED.
- 10 REFER TO TABLE. CONSULT TYCO ELECTRONICS IF WIRE SIZE TO BE USED, OVERLAP THE RANGES SHOWN.
- 11 SLOT DEPTH DIMENSIONS ARE FOR CONNECTING ONE MAGNET WIRE WITH A MOVING BEAM SIAMEZE CONTACT. CONSULT TYCO ELECTRONICS FOR BIFILAR (2 WIRE) CONNECTIONS.

THIS DRAWING IS A CONTROLLED DOCUMENT.

DIMENSIONS:
INCHES

TOLERANCES UNLESS OTHERWISE SPECIFIED:

0 PLC ± -
1 PLC ± -
2 PLC ± .01 [0.25]
3 PLC ± .005 [0.13]
4 PLC ± .0010 [0.026]
ANGLES ± 2°
FINISH -

DWN
MICHAEL S. FEHER
05APR2002

CHK
GENE JACONO
05APR2002

APVD
KURT A. RANDOLPH
05APR2002

PRODUCT SPEC

APPLICATION SPEC

114-13166

WEIGHT -

CUSTOMER DRAWING

tyco
Electronics

Tyco Electronics Corporation
Harrisburg, Pa 17105-3608

NAME
SIAMEZE
POCKET SPECIFICATION

SIZE
A2

CAGE CODE
00779

DRAWING NO
C=1601431

RESTRICTED TO
-

SCALE
10:1

SHEET
1

OF
1

REV
B