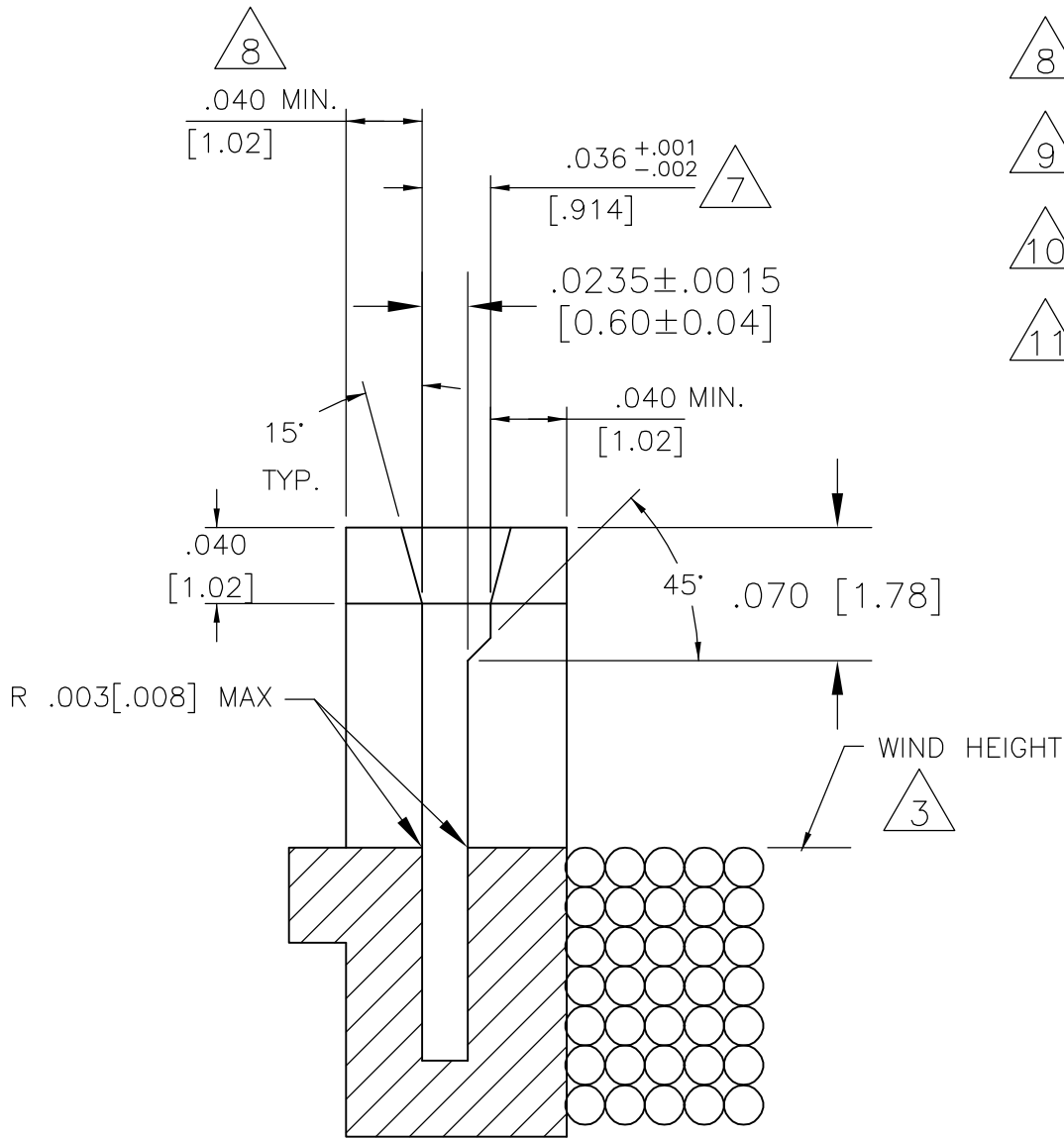
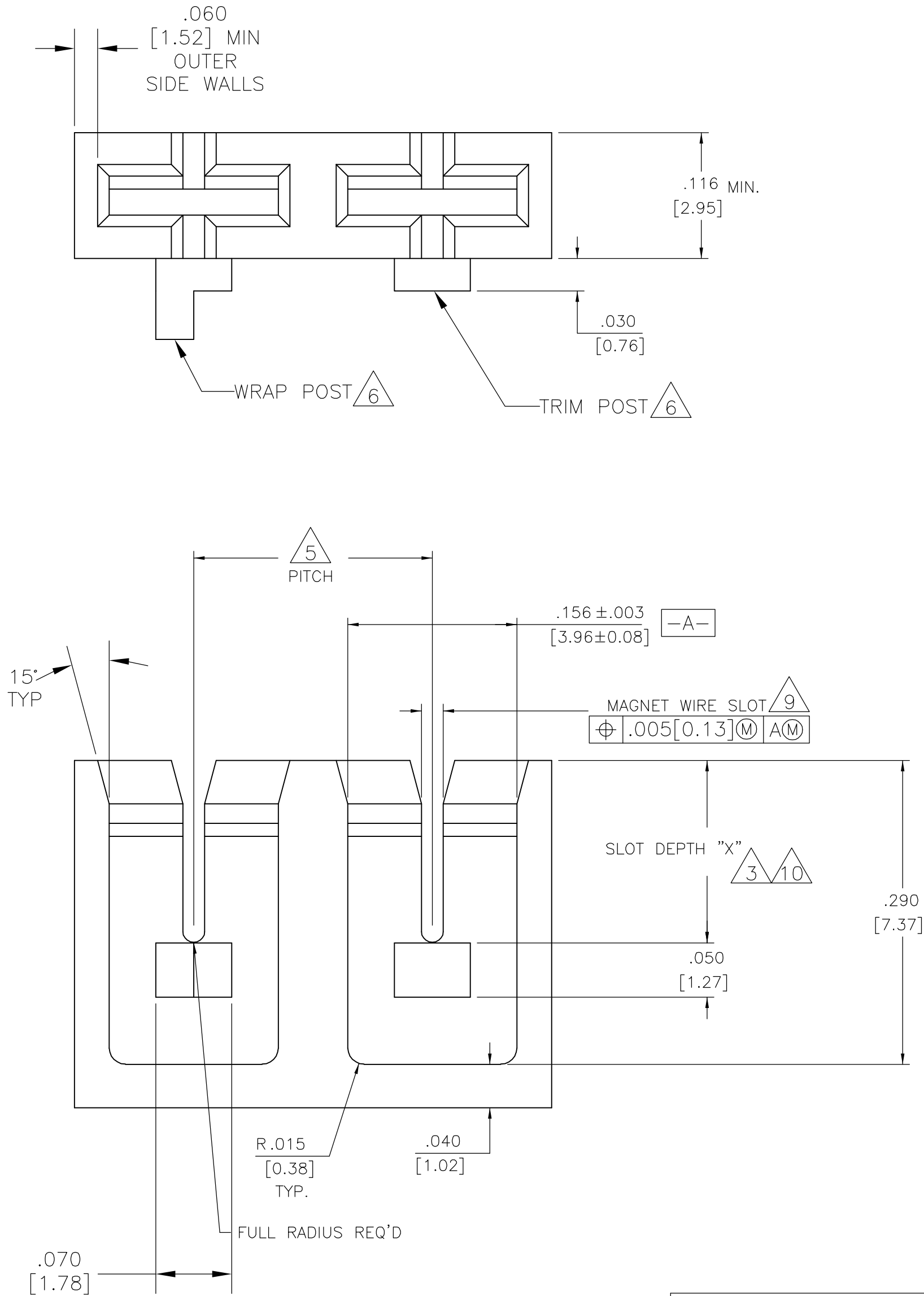


LOC	DIST	REVISIONS					
		P	LTR	DESCRIPTION	DATE	DWN	APVD
AF	50		B	REVISED PER ECR-07-006768	05APR07	HMR	GJ

- 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 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.



MAGNET WIRE SIZE AWG [mm DIA]	SLOT DEPTH "X" ±.003 [±0.08]
#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]

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	-	-

MATERIAL

DWN
MICHAEL S. FEHER
CHK
GENE JACONO
APVD
KURT A. RANDOLPH
PRODUCT SPEC
APPLICATION SPEC
WEIGHT
CUSTOMER DRAWING

05APR2002
05APR2002
05APR2002

114-13166

-

SCALE
10:1

SHEET
1 OF 1

REV
B

Tyco Electronics Corporation
Harrisburg, Pa 17105-3608

NAME
SIAMEZE
POCKET SPECIFICATION

SIZE
A2

CAGE CODE
00779

DRAWING NO
C=1601431

RESTRICTED TO
-

AMP 1471-9 REV 31MAR2000