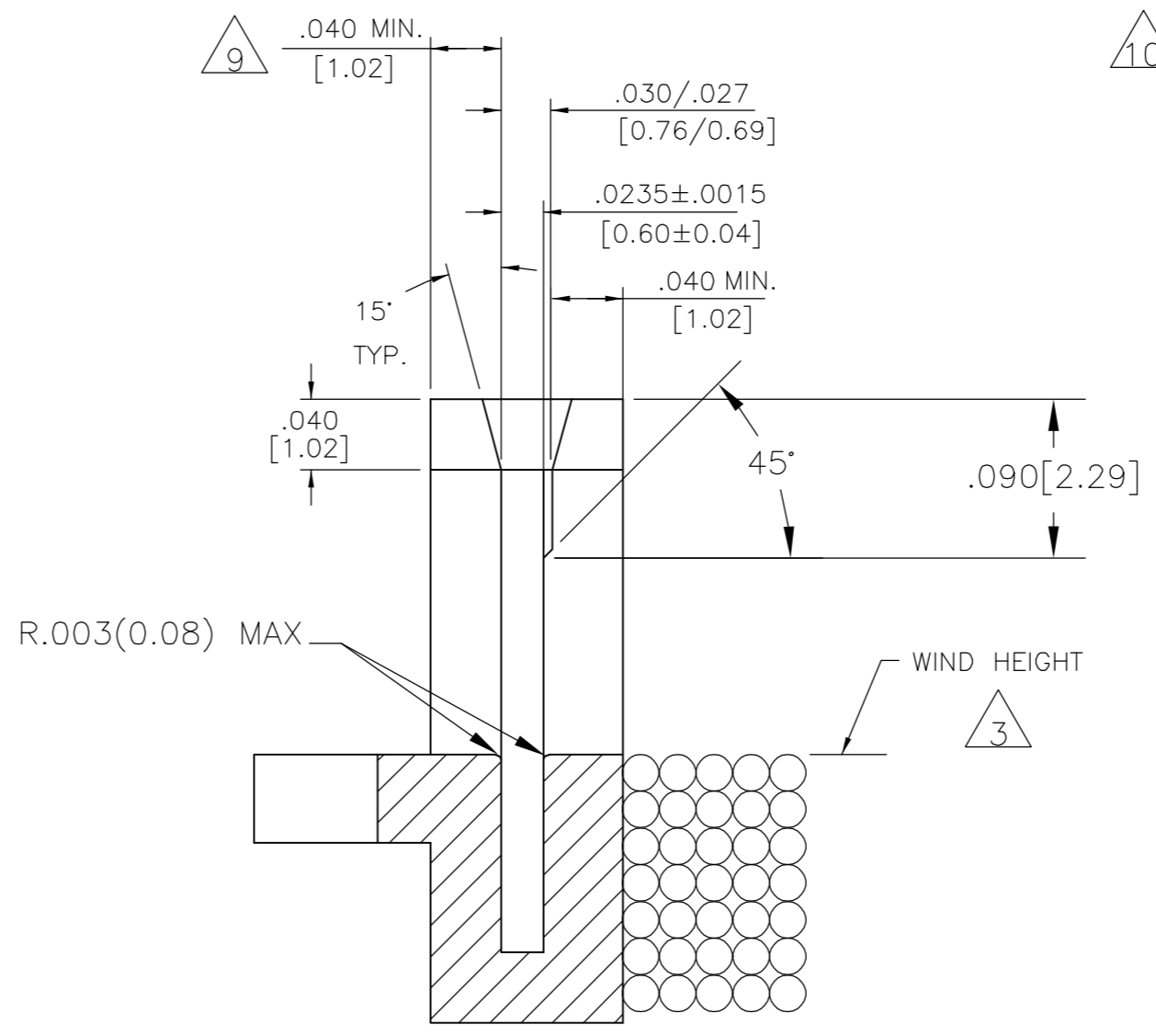
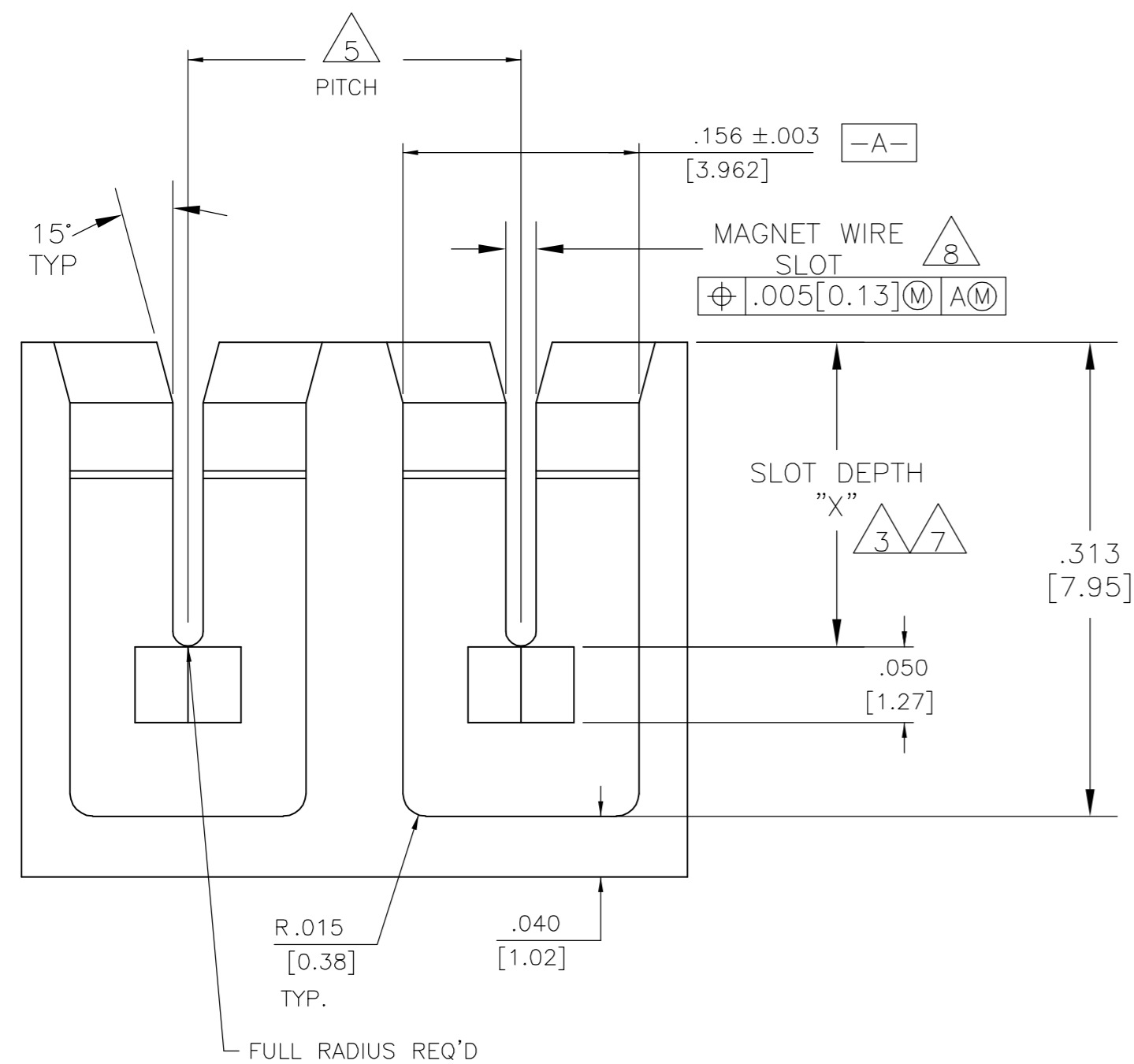
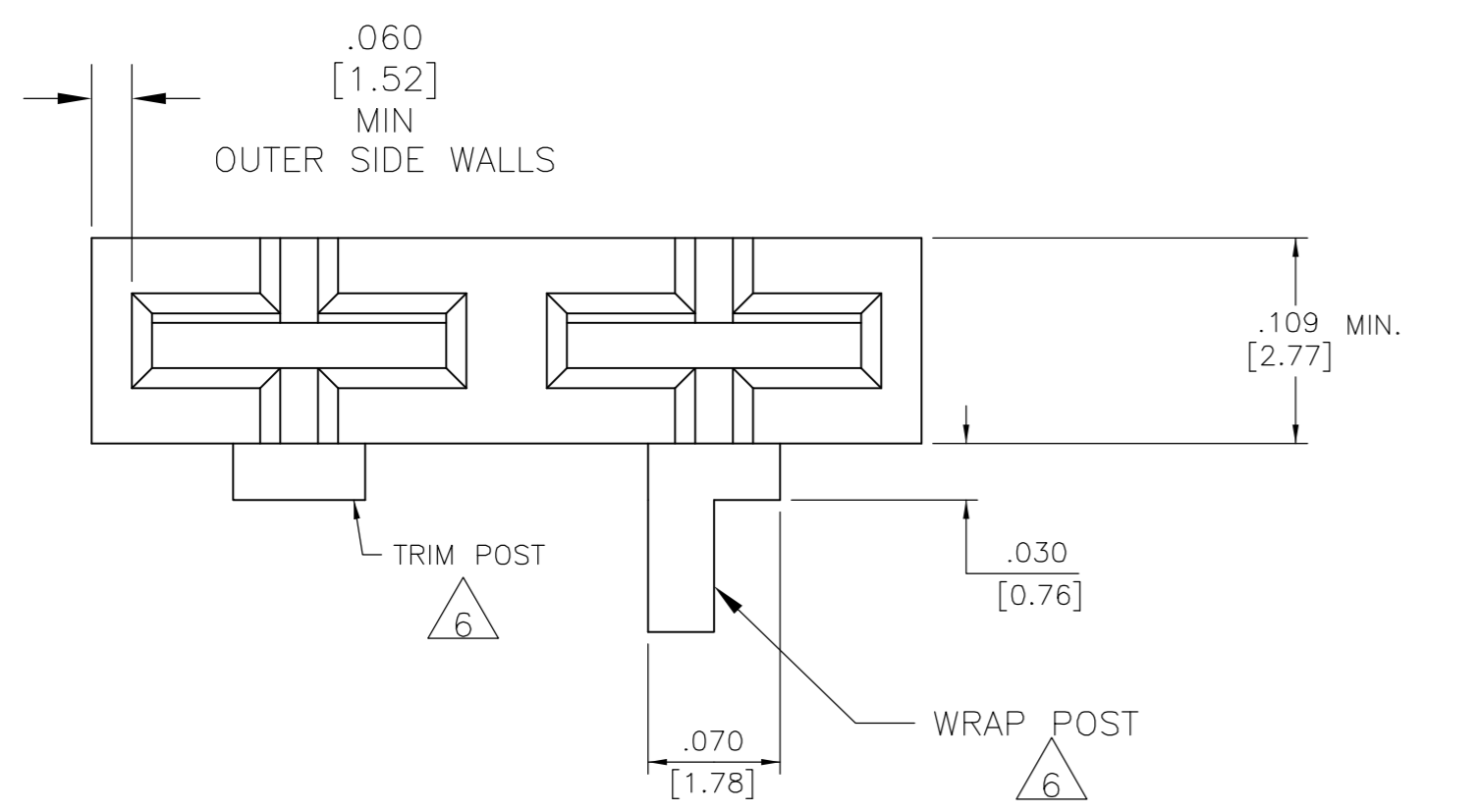


THIS DRAWING IS UNPUBLISHED. RELEASED FOR PUBLICATION  
 © COPYRIGHT BY TYCO ELECTRONICS CORPORATION. ALL RIGHTS RESERVED.

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

- DIMENSIONS SPECIFIED MAY VARY PER CUSTOMER APPLICATION, DO NOT TOOL WITHOUT TYCO ELECTRONICS REVIEW AND APPROVAL.
- TYCO ELECTRONICS REQUIRES THE FOLLOWING INFORMATION IN ORDER TO APPROVE THE CUSTOMERS APPLICATION DRAWINGS, MAGNET WIRE RANGE AND TYPE.
- MAGNET WIRE COIL MUST NOT EXCEED HEIGHT OF MAGNET WIRE SLOT AS SHOWN.
- MATERIAL RECOMMENDED: NYLON 6/6 30% GLASS FILLED. OTHER MATERIALS ARE ACCEPTABLE HOWEVER, CONSULT TYCO ELECTRONICS FOR SPECIFICATIONS.
- MINIMUM PITCH TO BE .197 [5.0 mm]
- WRAP POST REQUIRED FOR WIRE SIZES #30 AWG AND SMALLER.SEE SPEC DRAWING # 1601447.
- REFER TO CHART, CONSULT TYCO ELECTRONICS IF WIRE SIZE TO BE USED OVERLAP THE RANGES SHOWN.
- SIZE THIS SLOT FOR LARGEST WIRE DIA. CONSULT MOLD VENDOR IF SMALLER THAN .020 [0.51] IS TO BE SPECIFIED.
- .060 [1.52] MIN. WALL THICKNESS RECOMMENDED ON TRIM POST SIDE WHEN WIRE TRIMMING IS REQUIRED.
- 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] <sup>10</sup>
#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 ± -	1 PLC ± -	PRODUCT SPEC	POCKET (CAVITY) SPECIFICATION	
2 PLC ± .01 [0.25]	3 PLC ± .005 [0.13]	APPLICATION SPEC	SIZE	CAGE CODE
4 PLC ± - 2'	ANGLES ± 2'	FINISH	114-13166	00779
MATERIAL <sup>4</sup>		WEIGHT	DRAWING NO	
			114-13166	
		CUSTOMER DRAWING	SCALE 10:1	SHEET 1 OF 1
			RESTRICTED TO	REV A

1601475