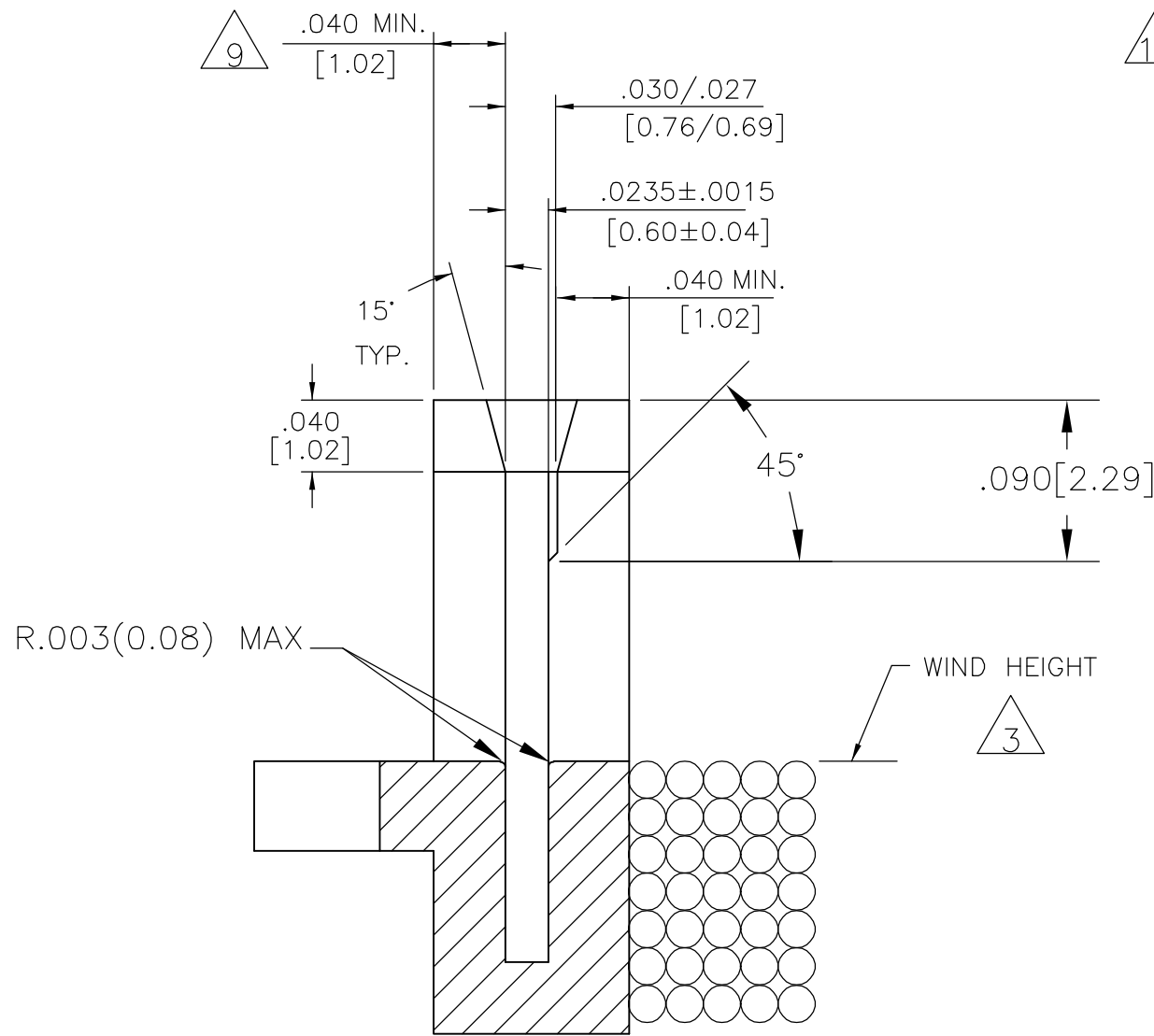
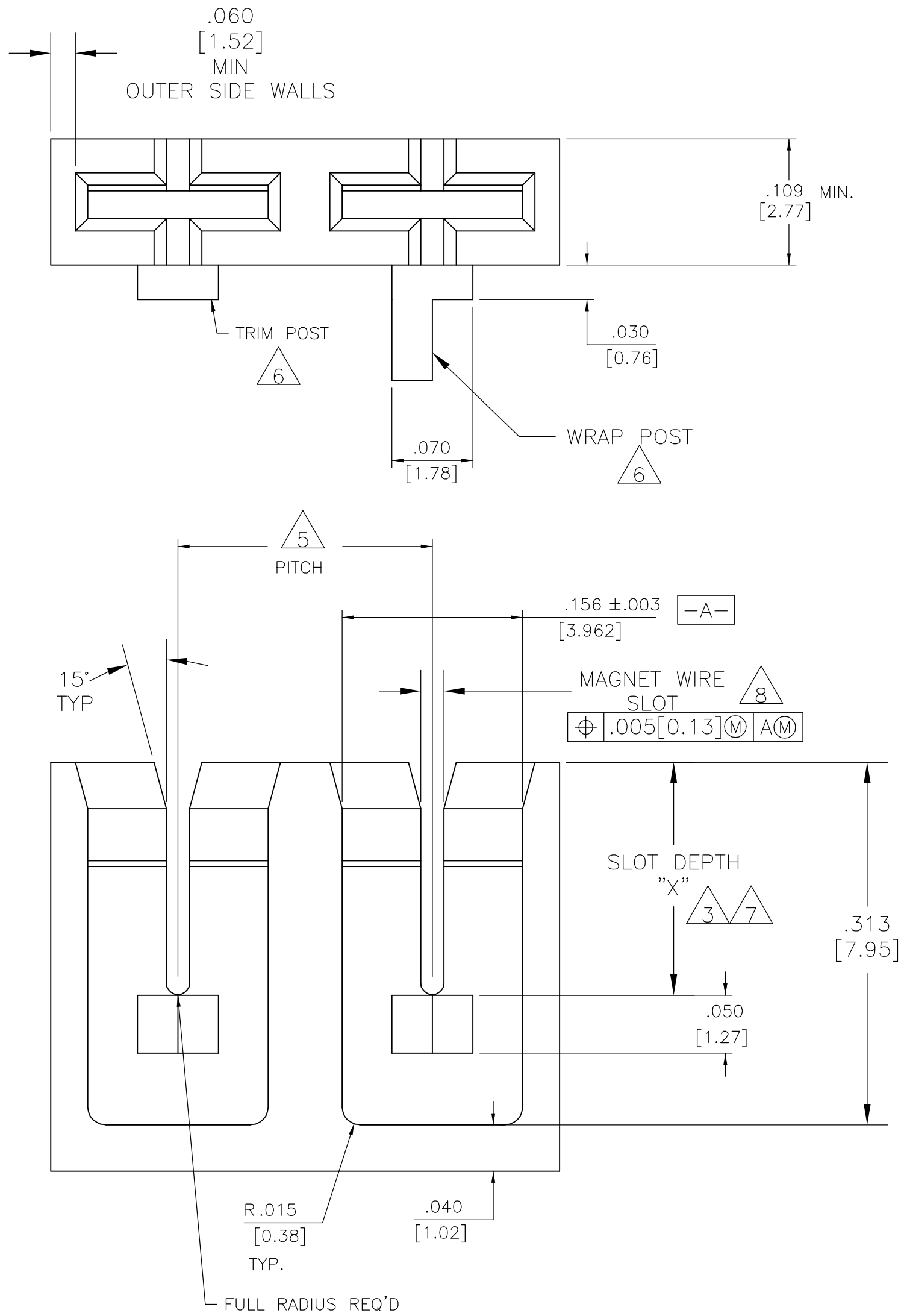


LOC	DIST	REVISIONS				
AF	50	P	LTR	DESCRIPTION	DATE	DWN
			A	REVISED PER ECR-07-006768	05APR07	HMR
						APVD
						GJ

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