

D

C

B

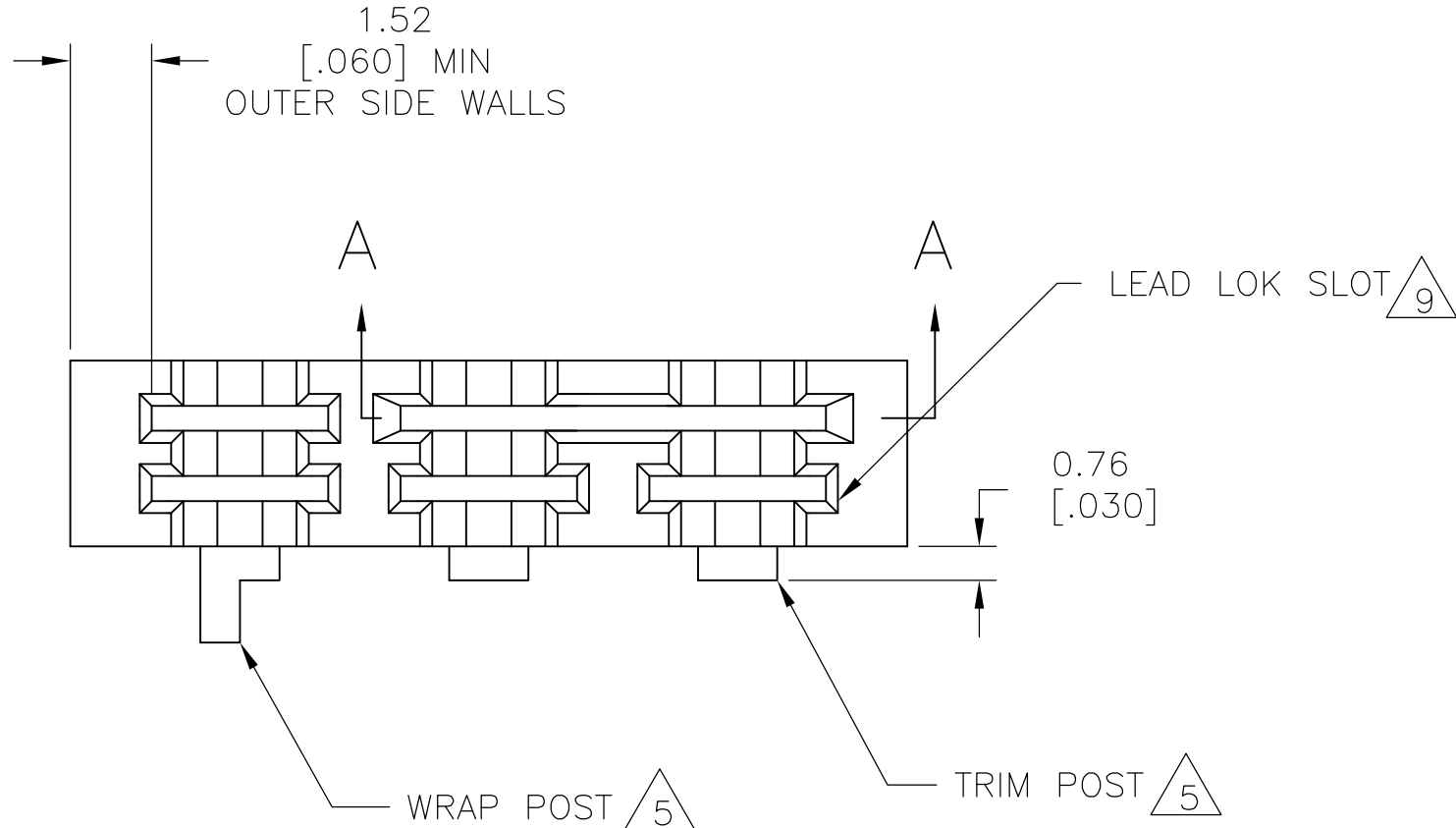
A

D

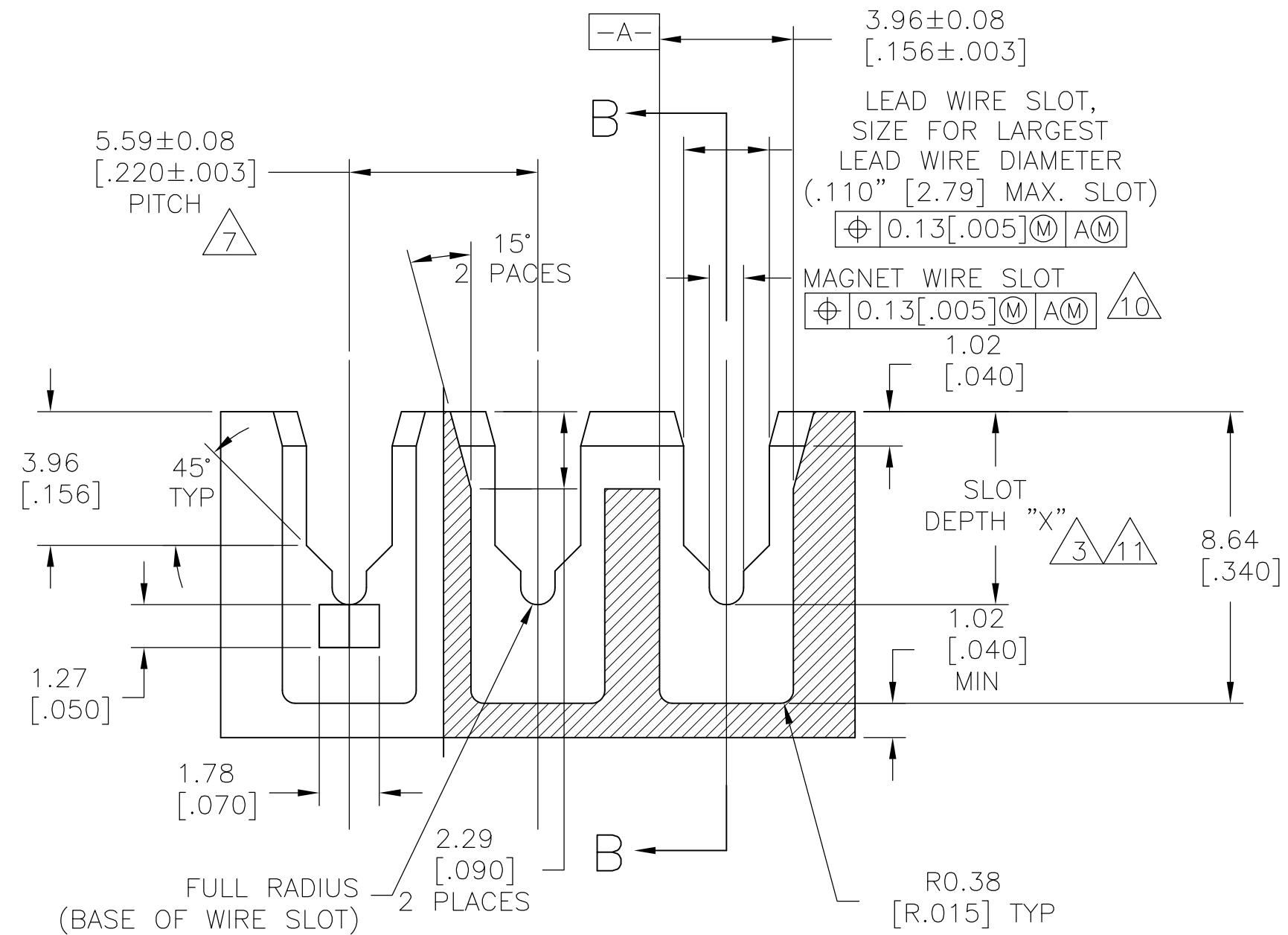
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B

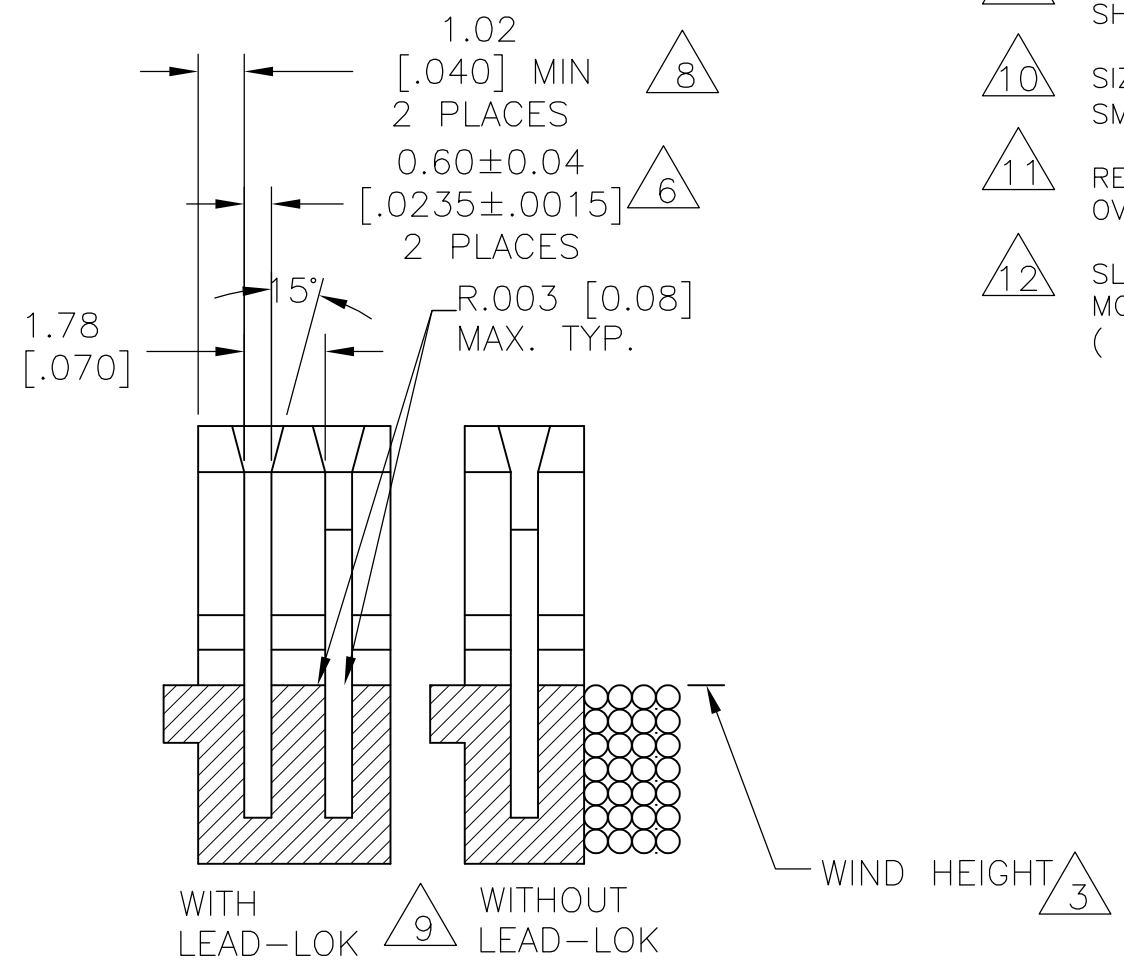
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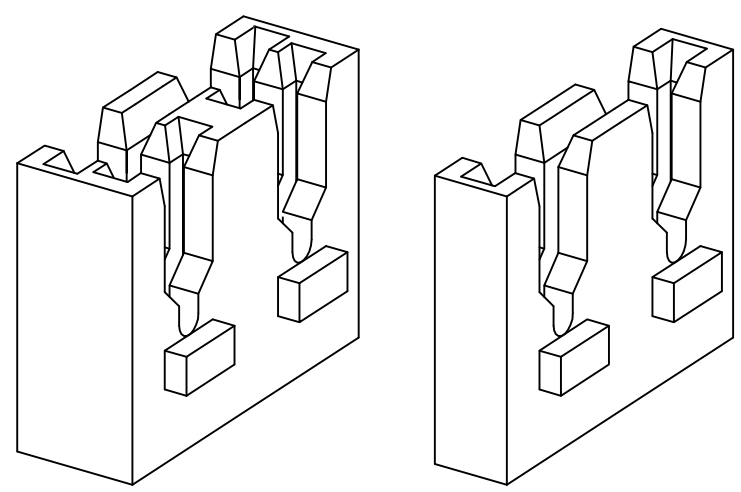
- ¹
- DIMENSIONS SPECIFIED MAY VARY PER CUSTOMER APPLICATION, DO NOT TOOL WITHOUT TYCO ELECTRONICS REVIEW AND APPROVAL.
- ²
- TYCO ELECTRONICS REQUIRES THE FOLLOWING INFORMATION IN ORDER TO APPROVE THE CUSTOMERS APPLICATION DRAWING: MAGNET WIRE RANGE, LEAD WIRE RANGE, AND INSULATION DIAMETER.
- ³
- MAGNET 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
- 30 AWG. (ø 0.26 [.01]) WIRE AND FINER REQUIRES WIRE WRAP POST INSTEAD OF TRIM POST. SEE SPEC. DRW. 1601447.
- ⁶
- MUST MAINTAIN SLOT THICKNESS (0.60) [.0235] INCLUDING DRAFT ANGLE FROM BOTTOM OF POCKET TO 0.38 [.015] MINIMUM ABOVE BASE OF WIRE SLOT. (0.71 [.028] MAX. THICKNESS AT TOP).
- ⁷
- POCKET PITCH MUST MATCH TERMINAL PITCH, BUT WITH TOLERANCES SHOWN.
- ⁸
- 1.52 [.060] MIN. WALL THICKNESS RECOMMENDED ON TRIM POST SIDE WHEN WIRE TRIMMING IS REQUIRED.
- ⁹
- LEAD LOK SLOT TO BE POSITIONED ON LEAD WIRE EXIT SIDE. POSITION SHOWN IS FOR LEAD WIRE EXITING AWAY FROM WINDING.
- ¹⁰
- SIZE THIS SLOT FOR LARGEST WIRE DIA. CONSULT MOLD VENDOR IF SMALLER THAN 0.51 [.020] IS TO BE SPECIFIED.
- ¹¹
- REFER TO TABLE. CONSULT TYCO ELECTRONICS IF WIRE SIZE TO BE USED, OVERLAP THE RANGES SHOWN.
- ¹²
- SLOT DEPTH DIMENSIONS ARE FOR CONNECTING ONE MAGNET WIRE WITH A MOVING BEAM SIAMEZE CONTACT. CONSULT TYCO ELECTRONICS FOR BIFILAR (2 WIRE) CONNECTIONS.





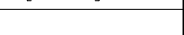

SECTION A-A



SECTION B-B



MAGNET WIRE SIZE mm DIA [AWG]	SLOT DEPTH "X" ±0.08 [±.003]		
1.02-0.69 [#18-#21.5]	6.22 [.245]		
0.65-0.43 [#22-#25.5]	5.92 [.233]		
0.41-0.27 [#26-#29.5]	5.72 [.225]		
0.25-0.17 [#30-#33.5]	5.59 [.220]		
0.16-0.13 [#34-#36]	5.51 [.217]		

THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN 27MAR2002 MICHAEL S. FEHER	 Tyco Electronics Corporation Harrisburg, PA 17105-3608		
		CHK 27MAR2002 GENE JACONO			
DIMENSIONS: mm [INCHES]	TOLERANCES UNLESS OTHERWISE SPECIFIED:	APVD 27MAR2002 KURT A. RANDOLPH	NAME		
	0 PLC ± -	PRODUCT SPEC	BUSSED AND SINGLE HIGH CARRIER SIAMEZE POCKET SPECIFICATION		
	1 PLC ± -	—			
	2 PLC ± 0.13 [.005]				
	3 PLC ± -				
	4 PLC ± -				
4 PLC ANGLES ± 2°		APPLICATION SPEC			
		114-13166			
MATERIAL	FINISH	WEIGHT	RESTRICTED TO		
	-	-	—		
		CUSTOMER DRAWING			

SIZE	CAGE CODE	DRAWING NO	RESTRICTED TO
A2	00779	C-1601433	—
SCALE		SHEET	REV
6:1		1 of 1	C

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