
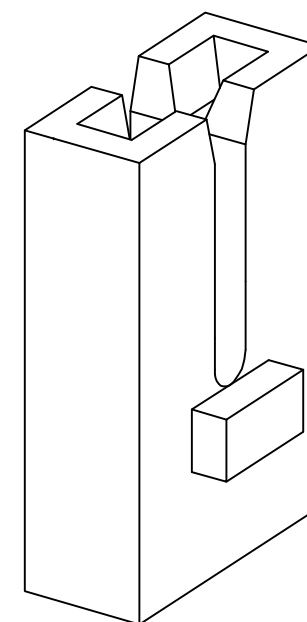
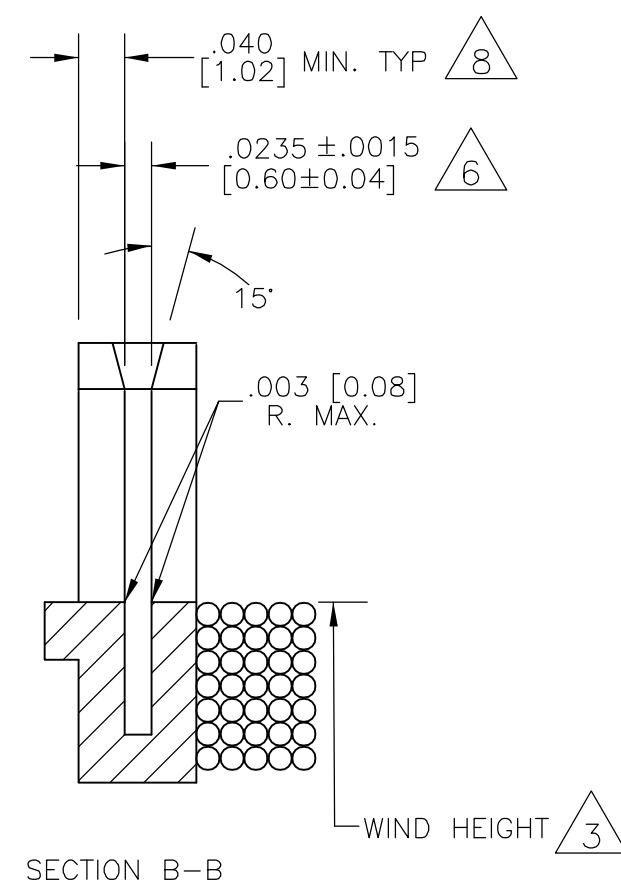





MAGNET WIRE SIZE AWG [mm DIA]	SLOT DEPTH "X" ±.003 [±0.08]	
#18-#21.5 [1.02-0.69]	.245 [6.22]	
#22-#25.5 [0.65-0.43]	.233 [5.92]	
#26-#29.5 [0.41-0.27]	.225 [5.72]	
#30-#33.5 [0.25-0.17]	.220 [5.59]	
#34-#36 [0.16-0.13]	.217 [5.51]	



- 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, WIRE RANGE AND  
INSULATION THICKNESS.
- 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. ( $\phi$  .01 [0.26]) WIRE AND FINER REQUIRES WIRE WRAP POST  
INSTEAD OF TRIM POST. SEE SPEC. DRW. #1601447.
- 6 MUST MAINTAIN SLOT THICKNESS (.0235) [0.60] INCLUDING DRAFT ANGLE FROM  
BOTTOM OF POCKET TO .015[0.38] MINIMUM ABOVE BASE OF WIRE SLOT.  
(.028[0.71] MAX.THICKNESS AT TOP).
- 7 WHENEVER POSSIBLE, POCKET PITCH TO MATCH TERMINAL PITCH.  
MINIMUM PITCH TO BE .197 [5.00].
- 8 .060 [1.52] MIN. WALL THICKNESS RECOMMENDED ON TRIM POST SIDE  
WHEN WIRE TRIMMING IS REQUIRED.
- 9 FOR BUSSED TAB SIAMEZE TERMINALS A BUSSED TAB POCKET PER DRAWING  
#1601426 MAY BE REQUIRED. CUSTOMER SHOULD CONSULT TYCO ELECTRONICS  
FOR EACH PARTICULAR APPLICATION.
- 10 SIZE THIS SLOT FOR LARGEST WIRE DIA. CONSULT MOLD VENDOR IF SMALLER  
THAN .020 [0.51] 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.

THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN 05APR2002 MICHAEL S. FEHER CHK 05APR2002 GENE JACOBO APVD 05APR2002 KURT A. RANDOLPH PRODUCT SPEC — APPLICATION SPEC 114-13166 WEIGHT —		 Tyco Electronics Corporation Harrisburg, Pa 17105-3608	
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°		STANDARD TAB SIAMEZE POCKET SPECIFICATION SIZE A2 CAGE CODE 00779 DRAWING NO. 1601425 RESTRICTED TO —	
MATERIAL 		FINISH — CUSTOMER DRAWING			
		SCALE 4:1 SHEET 1 of 1 REV B			

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