

THIS DRAWING IS UNPUBLISHED.

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MATERIALS:

HOUSING: THERMOPLASTIC, UL94V-0, BLACK.

TERMINAL: BRIGHT TIN PLATED COPPER ALLOY.

SCREWS: 8-32, ZINC PLATED STEEL.

ELECTRICAL:

CURRENT RATING: 30A.

VOLTAGE RATING: 600V.

WIRE RANGE: 10-18 AWG (UL)

10-22 AWG (CSA)

MECHANICAL:

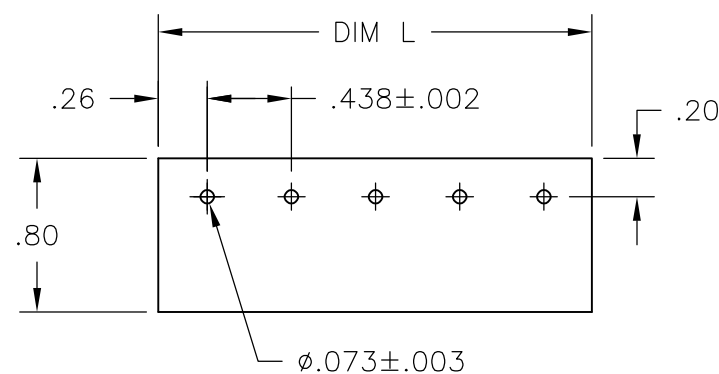
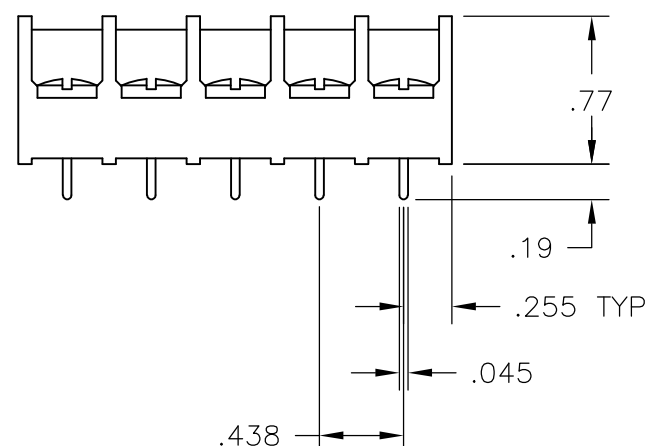
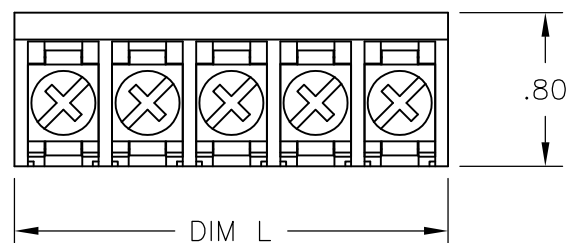
RECOMMENDED TORQUE: 20 IN-LB.

OPERATING TEMP.: -40°C TO $+120^{\circ}\text{C}$.

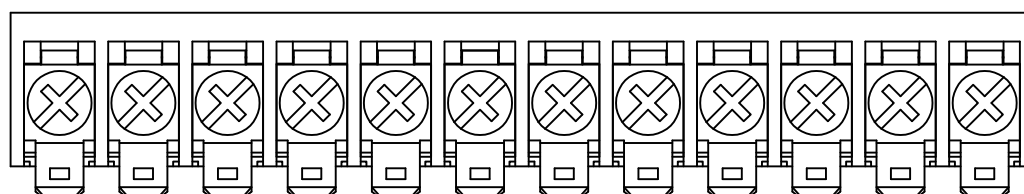
1 MARKED WITH WHITE INK.

2 OBSOLETE PART NUMBER.

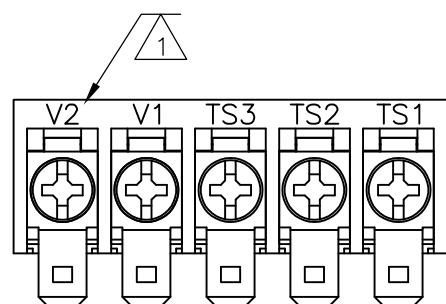
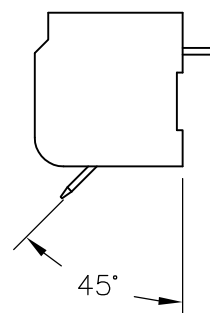
3 SCREWS TO BE BOTTOMED



RECOMMENDED PCB LAYOUT

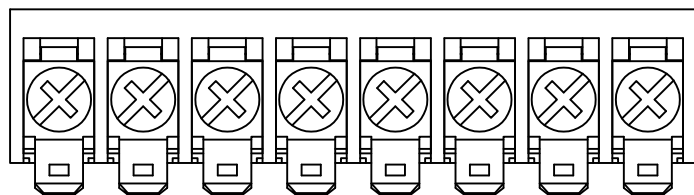


1-1437660-5

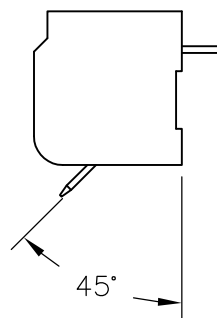


9-1437657-3

LOC	DIST	REVISIONS					
—	—	P	LTR	DESCRIPTION	DATE	DWN	APVD
			F	REVISED PER ECO-09-019330	31AUG09	HMR	CR



1-1437658-9



2	—	9.260	21	8PCV-21-007	8-1546159-	
	—	8.823	20	8PCV-20-007	7-1437658-	
	—	8.385	19	8PCV-19-007	1546565-	
	—	7.948	18	8PCV-18-007	1546565-	
	—	7.510	17	8PCV-17-007	1546565-	
	—	7.073	16	8PCV-16-007	1546565-	
	—	6.635	15	8PCV-15-007	1546565-	
	—	6.198	14	8PCV-14-007	7-1546159-	
	—	5.760	13	8PCV-13-007	5-1437658-	
	SEE FIGURE	5.323	12	8PCV-12-001-010	1-1546098-	
	—	5.323	12	8PCV-12-007	4-1437658-	
	—	4.885	11	8PCV-11-007	4-1437658-	
	—	4.448	10	8PCV-10-007	7-1546159-	
	—	4.010	9	8PCV-09-007	1546565-	
	2	SEE FIGURE	3.573	8	8PCV-08-001-010	1-1437658-
		—	3.573	8	8PCV-08-007	2-1437658-
		—	3.135	7	8PCV-07-007	1546565-
		—	2.698	6	8PCV-06-007	1437658-
		SEE FIGURE	2.260	5	8PCV-05-501	9-1437657-
		—	2.260	5	8PCV-05-007	9-1437657-
—		1.823	4	8PCV-04-007	1546565-	
—		1.385	4	8PCV-04-003	1546119-	
—		1.385	3	8PCV-03-007	7-1437657-	
—		.948	2	8PCV-02-007	5-1546159-	
COMMENTS		DIM L REF	NO OF POS	CATALOG NUMBER	TE PART NO	

DOCUMENT.	DWN	S SCHLEGEL	2/25/03		Tyco Electronics Corporation Harrisburg, PA 17105-3608			
	CHK	S YODER	10/8/04					
	APVD	S YODER	10/8/04					
	PRODUCT SPEC		NAME					
	APPLICATION SPEC							
UNLESS SPECIFIED:	WEIGHT		—	8PCV-XX-007 ASSEMBLY				
±	—		—	SIZE	CAGE CODE	DRAWING NO	RESTRICTED T	
CUSTOMER DRAWING				A3	00779	C-7-1437657-0	—	
				SCALE	1:1	SHEET	1 OF 1	REV

Mouser Electronics

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[8PCV-11-007](#)