

SPECIFICATIONS
MAKE-BEFORE-BREAK

MATERIALS:
ACTUATOR- POM, UL94HB BLACK
TERMINAL BOARD- PHENOLIC LAMINATED SHEET, UL94HB, NATURAL
FRAME- STEEL, NICKEL PLATE
TERMINAL/FIXED CONTACT- COPPER ALLOY, GOLD OR SILVER OVER NICKEL PLATE
MOVING CONTACT- COPPER ALLOY, GOLD OR SILVER OVER NICKEL PLATE
DETENT BALL- STEEL
COIL SPRING- GALVANIZED SPRING WIRE
SEAL- EPOXY

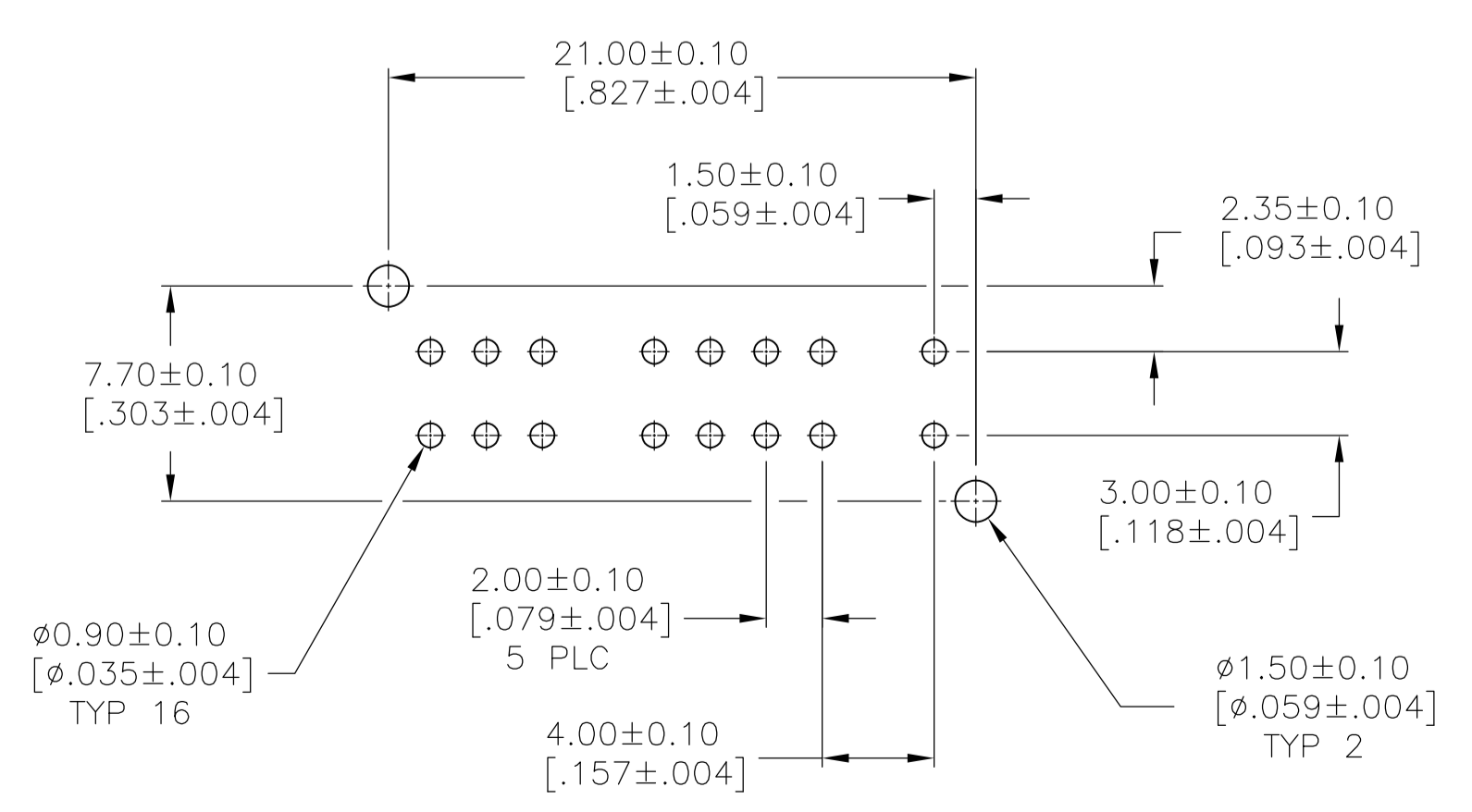
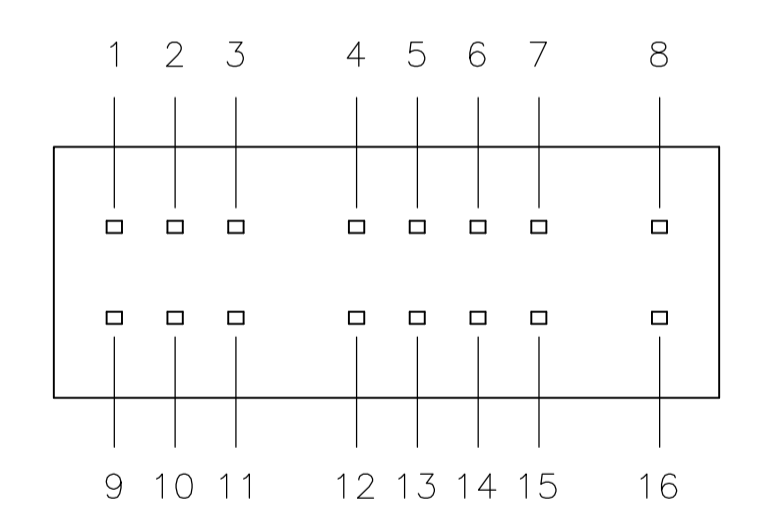
ELECTRICAL:
CONTACT RATING- .4VA@20VDC OR PEAK AC (GOLD); 300mA@125V AC (SILVER)
INITIAL CONTACT RESISTANCE- 30 milliohm max.
FINAL CONTACT RESISTANCE- 100 milliohm max. (AFTER TEST)
INSULATION RESISTANCE- 1,000 Megohms min.
DIELECTRIC STRENGTH- 500V RMS@SEA LEVEL
LIFE EXPECTANCY- 15,000 CYCLES MIN.

MECHANICAL:
ACTUATION FORCE- 600+/-300 GRAMS
TRAVEL- 2.0 +/-0.50 (.079 +/-0.020)

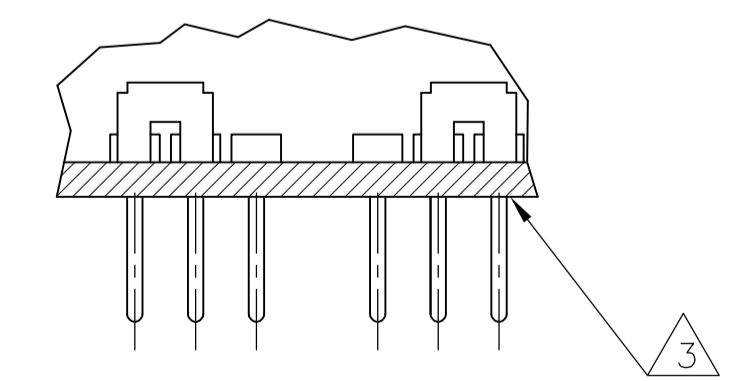
ENVIRONMENTAL:
OPERATING TEMPERATURE- -20 TO +85 DEGREES C
STORAGE TEMPERATURE- -40 TO +100 DEGREES C
RESISTANCE TO SOLDER HEAT PER 109-202, CONDITION B
SOLDERABILITY PER EIA-364-52, CLASS 2, CATEGORY 1, 95% MIN COVERAGE

NOTES:

- COUNTRY OF ORIGIN AND TE CONNECTIVITY LOGO LOCATED APPROXIMATELY AS SHOWN
- ALL MATERIALS AND FINISHES SHALL COMPLY WITH EU DIRECTIVE 2002/95/EC OF 27JAN2003 (ROHS).
- ANTI SOLDER WICK SEAL AT TERMINAL TO BOARD INTERFACE.
- ALL PERFORMANCE TESTING WAS DONE IN ACCORDANCE TO TE CONNECTIVITY SPECIFICATION 102-2469.



RECOMMENDED BOARD LAYOUT



1825267-2	MSS4300G04	GOLD	1 TO 3 5 TO 7 9 TO 10 13 TO 15	2 TO 4 6 TO 8 10 TO 11 14 TO 16	3 TO 4 7 TO 8 10 TO 12 15 TO 16
1825267-1	MSS430004	SILVER	1 TO 3 5 TO 7 9 TO 10 13 TO 15	2 TO 4 6 TO 8 10 TO 11 14 TO 16	3 TO 4 7 TO 8 10 TO 12 15 TO 16
PART NO.	T&B PART NO.	PLATING			

TERMINALS CONNECTED WHEN SLIDE IS IN POSITION SHOWN.

THIS DRAWING IS A CONTROLLED DOCUMENT.		DIN R BROWN 21DEC05	TE Connectivity																			
DIMENSIONS: mm [INCHES]		CHK M SARVER 21DEC05	NAME																			
TOLERANCES UNLESS OTHERWISE SPECIFIED:		APVD M SARVER 21DEC05	PRODUCT SPEC																			
<table border="0"> <tr><td>0 PLC</td><td>±</td><td>-</td></tr> <tr><td>1 PLC</td><td>±</td><td>-</td></tr> <tr><td>2 PLC</td><td>±</td><td>0.3[.012]</td></tr> <tr><td>3 PLC</td><td>±</td><td>-</td></tr> <tr><td>4 PLC</td><td>±</td><td>-</td></tr> <tr><td>ANGLES</td><td>±</td><td>-</td></tr> </table>		0 PLC	±	-	1 PLC	±	-	2 PLC	±	0.3[.012]	3 PLC	±	-	4 PLC	±	-	ANGLES	±	-	APPLICATION SPEC		RESTRICTED TO
0 PLC	±	-																				
1 PLC	±	-																				
2 PLC	±	0.3[.012]																				
3 PLC	±	-																				
4 PLC	±	-																				
ANGLES	±	-																				
MATERIAL SEE SPECIFICATIONS		FINISH SEE SPECIFICATIONS	WEIGHT	SIZE CAGE CODE DRAWING NO																		
			A1 00779	1825267																		
		CUSTOMER DRAWING	SCALE 4:1	SHEET 1 OF 1 REV B4																		

Mouser Electronics

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