

RECOMMENDED BOARD LAYOUT

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

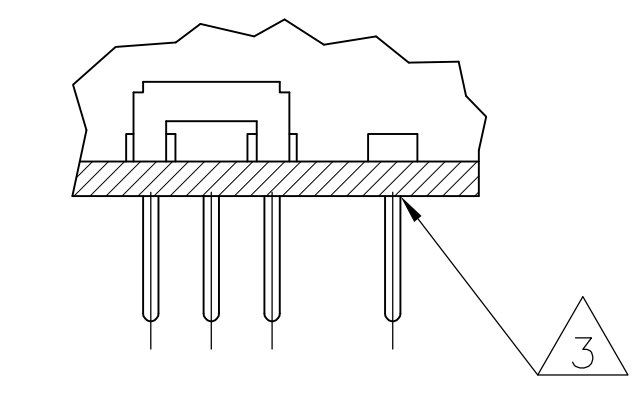
ELECTRICAL:  
 CONTACT RATING- .4VA@20VDC OR PEAK AC (GOLD); 300mA@125V AC (SILVER)  
 INITIAL CONTACT RESISTANCE- 30 milliohm max.  
 FINAL CONTACT RESISTANCE- 100 milliohm max. (AFTER TEST)  
 INSULATION RESISTANCE- 1,000 Megohms min.  
 DIELECTRIC STRENGTH- 500V RMS@SEA LEVEL  
 LIFE EXPECTANCY- 15,000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

MECHANICAL:  
 ACTUATION FORCE- 600+/-300 GRAMS  
 TRAVEL- 2.0 +/- .50 (.079 +/- .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:

- 1 COUNTRY OF ORIGIN AND TE LOGO LOCATED APPROXIMATELY AS SHOWN
2. ALL MATERIALS AND FINISHES SHALL COMPLY WITH EU DIRECTIVE 2002/95/EC OF 27JAN2003 (ROHS)
- 3 ANTI SOLDER WICK SEAL AT TERMINAL TO BOARD INTERFACE
4. ALL PERFORMANCE TESTING WAS DONE IN ACCORDANCE TO TYCO SPECIFICATION 102-2469
- 5 OBSOLETE PARTS: OBSOLETE CIS STREAMLINING PER D.RENAUD/D.SINISI



SECTION A-A

OBSOLETE ⚠	<del>1825260-2</del>	MSS1300RG04	GOLD	3 TO 1	3 TO 2	3 TO 4
	1825260-1	MSS1300R04	SILVER	3 TO 1	3 TO 2	3 TO 4
TE PART NO.	T&B PART NO.	PLATING				
TERMINALS CONNECTED WHEN SLIDE IS IN POSITION SHOWN.						

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 CHK M SARVER 21DEC05  
 APVD M SARVER 21DEC05

TOLERANCES UNLESS OTHERWISE SPECIFIED:  
 0 PLC ± -  
 1 PLC ± 0.3 [.012]  
 2 PLC ± -  
 3 PLC ± -  
 4 PLC ± -  
 ANGLES ± -

MATERIAL - FINISH -

THIS DRAWING IS A CONTROLLED DOCUMENT. Tyco Electronics Corporation  
 Harrisburg, Pa 17105-3608

NAME: SLIDE SWITCH, MSS 1300 SERIES, SP-3T, RIGHT ANGLE

SIZE: A1 CAGE CODE: 00779 DRAWING NO: 1825260 RESTRICTED TO: -  
 WEIGHT: -  
 CUSTOMER DRAWING SCALE: 4:1 SHEET: 1 OF 1 REV: A2

# Mouser Electronics

Authorized Distributor

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