

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

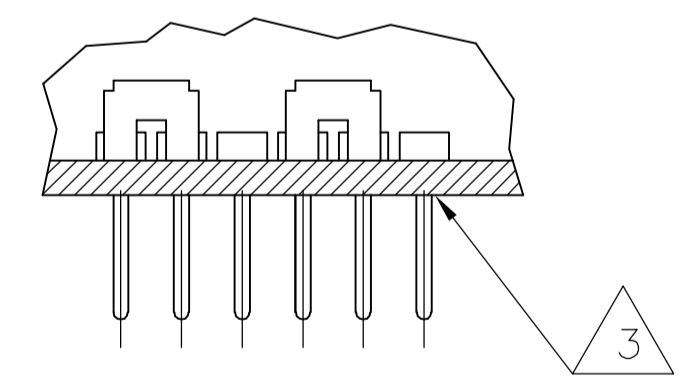
ELECTRICAL:
 CONTACT RATING- .4VA@20VDC OR PEAK AC (GOLD); 300mA@125V AC (SILVER)
 INITIAL CONTACT RESISTANCE- 30 milliohm max.
 FINAL CONTACT RESISTANCE- 100 milliohm max. (AFTER TEST)
 INSULATION RESISTANCE- 1,000 Megohms min.
 DIELECTRIC STRENGTH- 500V RMS@SEA LEVEL
 LIFE EXPECTANCY- 15,000 CYCLES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

- MARK PER 202-37 SPECIFICATION, *tyco* /CHINA MINIMUM REQUIREMENT
- 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 TYCO SPECIFICATION 102-2469



SECTION A-A

1825263-2	MSS2250G04	GOLD	2 TO 1 5 TO 4	2 TO 3 5 TO 6
1825263-1	MSS225004	SILVER	2 TO 1 5 TO 4	2 TO 3 5 TO 6
TYCO PART NO.	T&B PART NO.	PLATING		

TERMINALS CONNECTED WHEN SLIDE IS IN POSITION SHOWN.

THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN: R BROWN 21DEC05	tyco Tyco Electronics Corporation	
DIMENSIONS: mm		CHK: M SARVER 21DEC05	Harrisburg, Pa 17105-3608	
TOLERANCES UNLESS OTHERWISE SPECIFIED:		APP'D: M SARVER 21DEC05	NAME: SLIDE SWITCH, MSS 2250 SERIES, DP-DT, VERTICAL	
0 PLC ± - 1 PLC ± 0.3 [.012] 2 PLC ± - 3 PLC ± - 4 PLC ± - ANGLES ± -		PRODUCT SPEC: -	SIZE: A1	CAGE CODE: 00779
MATERIAL: -		FINISH: -	DRAWING NO: 1825263	RESTRICTED TO: -
CUSTOMER DRAWING		SCALE: 4:1	SHEET: 1 of 1	REV: A