



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:

- 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

1825258-2	MSS1200RG04	GOLD	2 TO 1		2 TO 3
1825258-1	MSS1200R04	SILVER	2 TO 1		2 TO 3
TYCO PART NO.	T&B PART NO.	PLATING			
TERMINALS CONNECTED WHEN SLIDE IS IN POSITION SHOWN.					

THIS DRAWING IS A CONTROLLED DOCUMENT.		DIN R BROWN 20DEC05	tyco Tyco Electronics Corporation	
DIMENSIONS: mm		CHK M SARVER 20DEC05	Harrisburg, Pa 17105-3608	
TOLERANCES UNLESS OTHERWISE SPECIFIED:		APVD M SARVER 20DEC05	NAME	
0 PLC	± -	PRODUCT SPEC		
1 PLC	± 0.3 [.012]	APPLICATION SPEC		
2 PLC	± -	SIZE		
3 PLC	± -	CAGE CODE		
4 PLC	± -	DRAWING NO		
ANGLES	± ±	RESTRICTED TO		
MATERIAL	FINISH	WEIGHT	A1 00779 C=1825258	
CUSTOMER DRAWING		SCALE 4:1	SHEET 1 OF 1	REV A