



**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:**

- 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 TE CONNECTIVITY SPECIFICATION 102-2469

1825264-2	MSS4200G04	GOLD	1 TO 2 4 TO 5 7 TO 8 10 TO 11	2 TO 3 5 TO 6 8 TO 9 11 TO 12
1825264-1	MSS420004	SILVER	1 TO 2 4 TO 5 7 TO 8 10 TO 11	2 TO 3 5 TO 6 8 TO 9 11 TO 12
PART NO.	T&B PART NO.	PLATING		

TERMINALS CONNECTED WHEN SLIDE IS IN POSITION SHOWN.

THIS DRAWING IS A CONTROLLED DOCUMENT.

DIMENSIONS: mm	TOLERANCES UNLESS OTHERWISE SPECIFIED:	DIN R BROWN 21DEC05	TE Connectivity
0 PLC ± -	1 PLC ± 0.3 [0.12]	CHK M SARVER 21DEC05	APVD M SARVER 21DEC05
2 PLC ± -	3 PLC ± -	NAME	PRODUCT SPEC
4 PLC ± -	ANGLES ± -	APPLICATION SPEC	SIZE CAGE CODE DRAWING NO
MATERIAL -	FINISH -	WEIGHT -	A1 00779 1825264
CUSTOMER DRAWING		SCALE 4:1	SHEET 1 OF 1 REV A3