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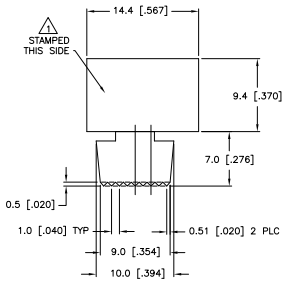
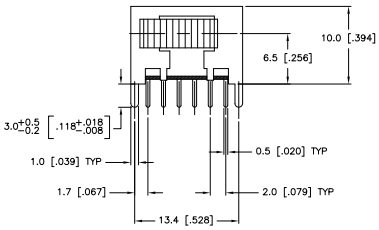
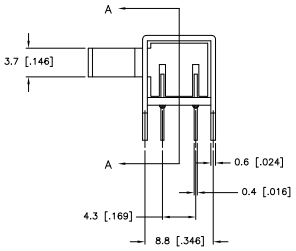
LOC	DIST
AD	00

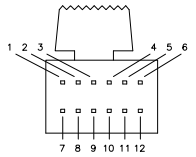
REVISIONS

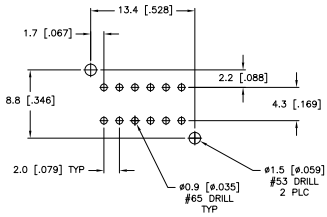
P	LTR	DESCRIPTION	DATE	DWN	APVD
	A2	REVISED PER ECO-11-005027	11MAR11	RK	HMR



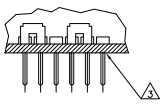








RECOMMENDED BOARD LAYOUT



SECTION A–A

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 NICKLE 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)
INSULTAION 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 CONNECTIVITY LOGO LOCATED APPROXIMATELY AS SHOWN
2. LL 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

1825265–2	MSS4200RG04	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
1825265–1	MSS4200R04	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:
0 PLC ± –
1 PLC ± 0.3 [.012]
2 PLC ± –
3 PLC ± –
4 PLC ± –
ANGLES ± –
MATERIAL –
FINISH –

DRN	21DEC05 R BROWN
CK	21DEC05 M SARVER
APD	21DEC05 M SARVER
PRODUCT SPEC	–
APPLICATION SPEC	–
WEIGHT	–

TE Connectivity

NAME: SLIDE SWITCH, MSS 4200R SERIES

SIZE	CAGE CODE	DRAWING NO	RESTRICTED TO
A1	00779	C-1825265	–

CUSTOMER DRAWING | SCALE 4:1 | SHEET 1 OF 1 | REV A2

4805 (3/11)

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