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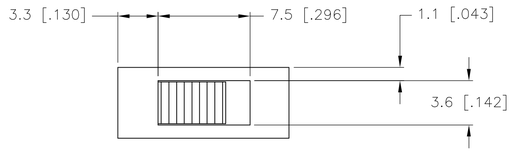
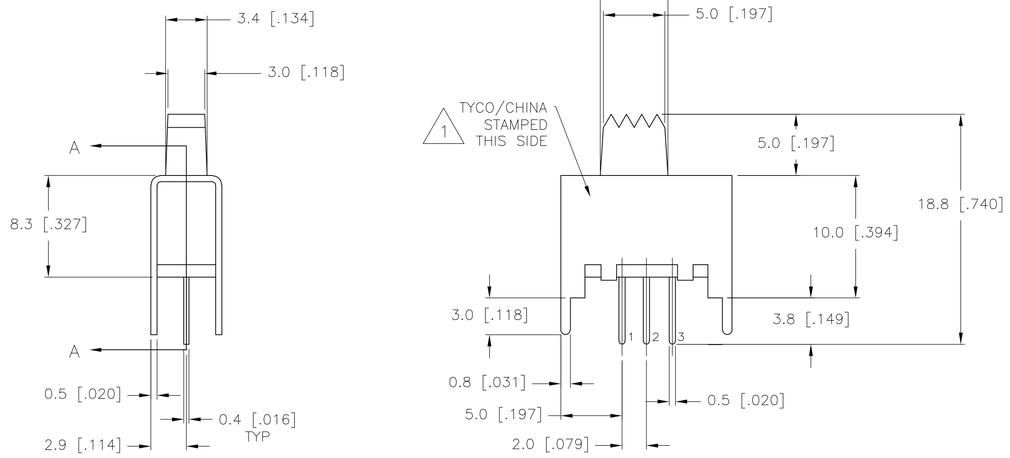
LOC	DIST
AD	00

REVISIONS

P	LTR	DESCRIPTION	DATE	DWN	APVD
	A	ECO-05-006715	20DEC05	RB	MS





SPECIFICATIONS
MAKE-BEFORE-BREAK

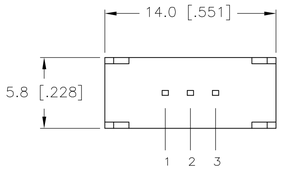
MATERIALS:
ACTUATOR- POM, UL94HB BLACK
TERMINAL BOARD- PHENOLIC LAMINATED SHEET, UL94HB, NATURAL
FRAME- STEEL, NICKEL PLATE
TERMINAL/FIXED CONTACT- COPPER ALLOY, GOLD OR SILVER OVER NICKEL PLATE
MOVING CONTACT- COPPER ALLOY, GOLD OR SILVER OVER NICKLE PLATE
DETENT BALL- STEEL
COIL SPRING- GALVANIZED SPRING WIRE
SEAL- EPOXY

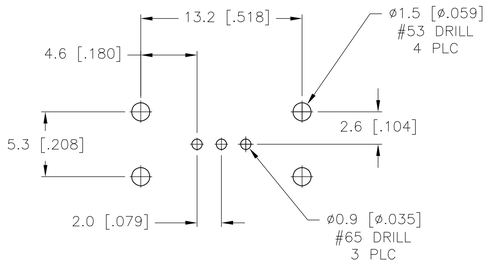
ELECTRICAL:
CONTACT RATING- .4VA@20VDC OR PEAK AC (GOLD); 300mA@125V AC (SILVER)
INITIAL CONTACT RESISTANCE- 30 milliohm max.
FINAL CONTACT RESISTANCE- 100 milliohm max. (AFTER TEST)
INSULTAION RESISTANCE- 1,000 Megohms min.
DIELECTRIC STRENGTH- 500V RMS@SEA LEVEL
LIFE EXPECTANCY- 15,000 CYCLES MIN.

MECHANICAL:
ACTUATION FORCE- 600+/-300 GRAMS
TRAVEL- 2.0 +/-.50 (.079 +/-.020)

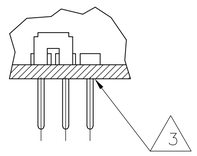
ENVIRONMENTAL:
OPERATING TEMPERATURE- -20 TO +85 DEGREES C
STORAGE TEMPERATURE- -40 TO +100 DEGREES C
RESISTANCE TO SOLDER HEAT PER 109-202, CONDITION B
SOLDERABILITY PER EIA-364-52, CLASS 2, CATEGORY 1, 95% MIN COVERAGE

NOTES:
1. MARK PER 202-37 SPECIFICATION, tyco/CHINA MINIMUM REQUIREMENT
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





RECOMMENDED BOARD LAYOUT



SECTION A-A

1825257-2	MSS1200G04	GOLD	2 TO 1		2 TO 3
1825257-1	MSS120004	SILVER	2 TO 1		2 TO 3
TYCO PART NO.	T&B PART NO.	PLATING	TYCO 123		TYCO 123

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 -

DWN R BROWN 20DEC05
CHK M SARVER 20DEC05
APVD M SARVER 20DEC05
PRODUCT SPEC -
APPLICATION SPEC -
WEIGHT -

Tyco Electronics Corporation
Harrisburg, Pa 17105-3608

NAME: SLIDE SWITCH, MSS 1200 SERIES, SP-DT, VERTICAL

SIZE	CAGE CODE	DRAWING NO	RESTRICTED TO
A1	00779	C-1825257	-

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