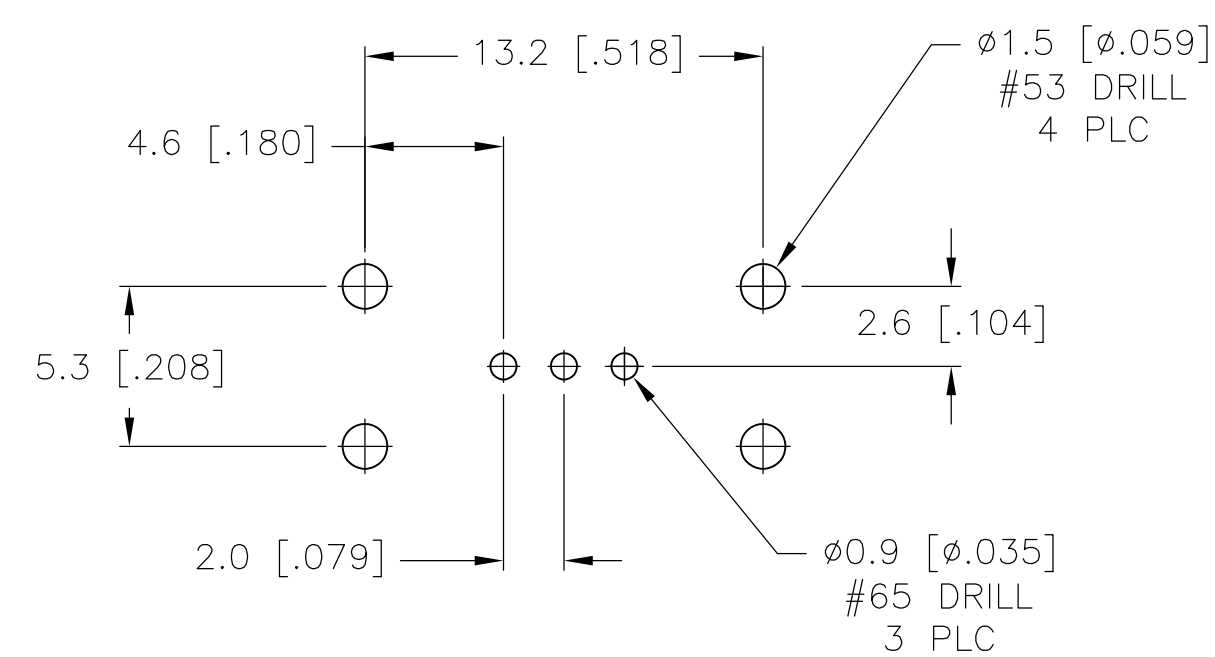
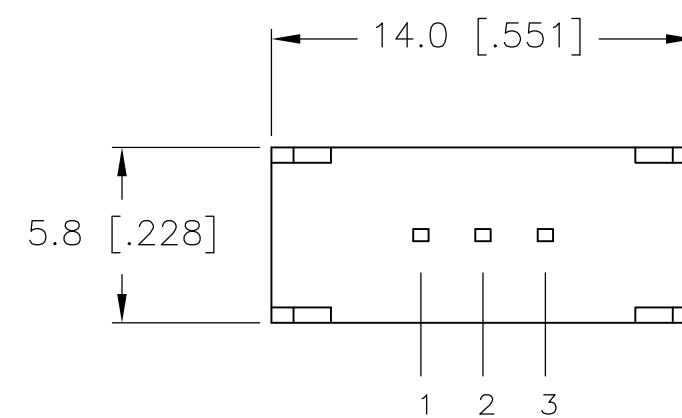
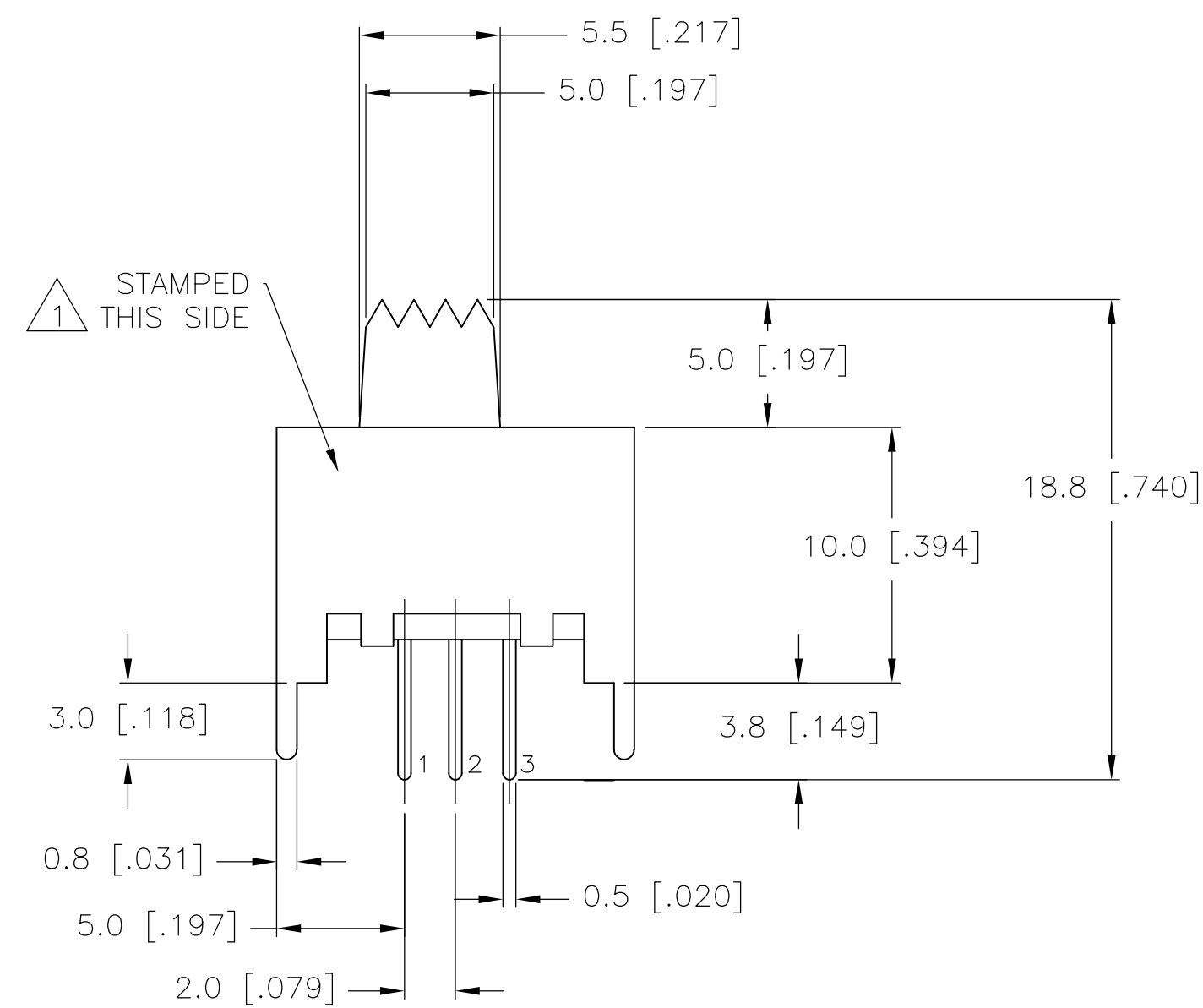
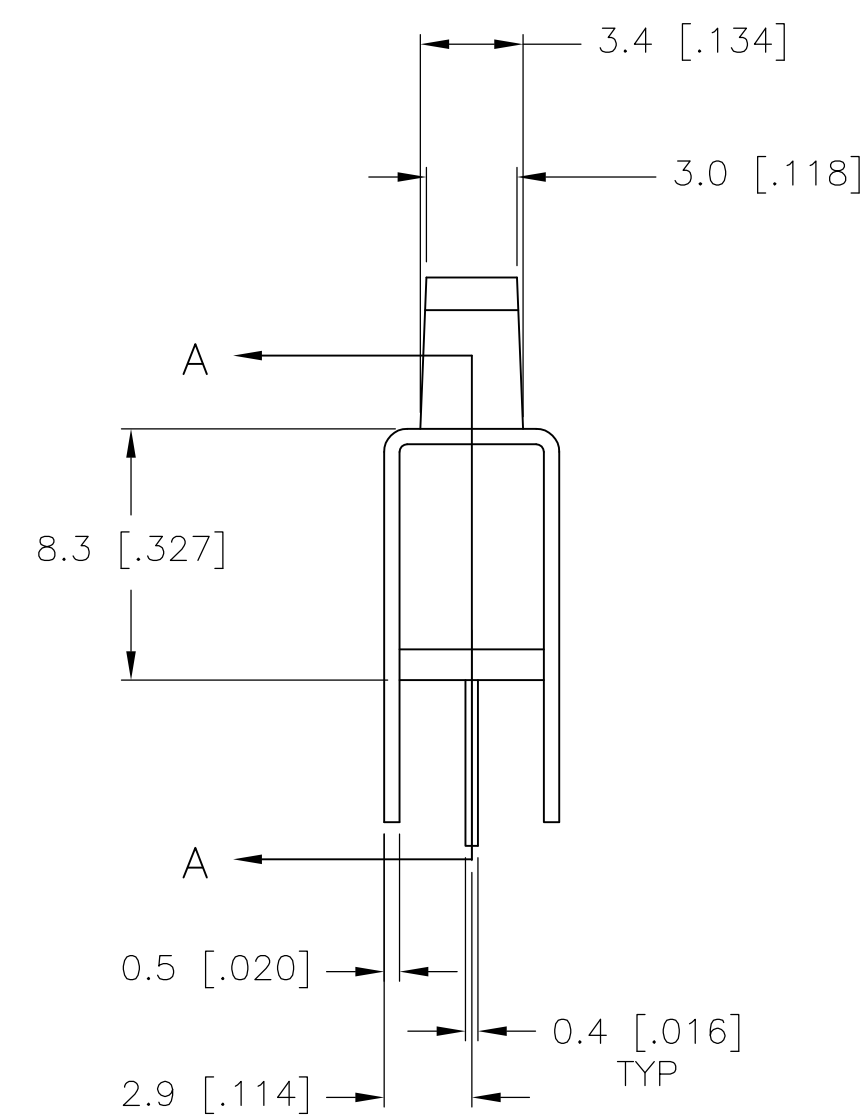
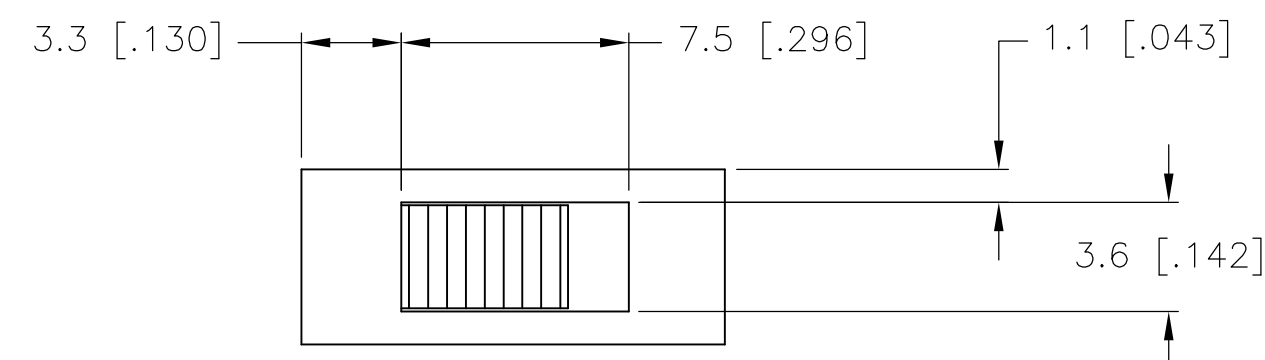


LOC	DIST	REVISIONS					
AD	00	P	LTR	DESCRIPTION	DATE	DWN	APVD
			A2	REVISED PER ECO-11-004917	11MAR11	RK	HMR



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

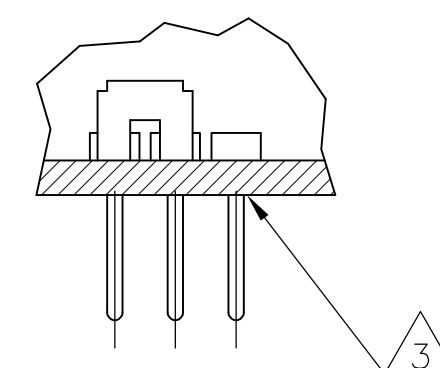
ELECTRICAL:
CONTACT RATING— .4VA@20VDC OR PEAK AC (GOLD); 300mA@125V AC (SILVER)
INITIAL CONTACT RESISTANCE— 30 milliohm max.
FINAL CONTACT RESISTANCE— 100 milliohm max. (AFTER TEST)
INSULTAION RESISTANCE— 1,000 Megohms min.
DIELECTRIC STRENGTH— 500V RMS@SEA LEVEL
LIFE EXPECTANCY— 15,000 CYCLES MIN.

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

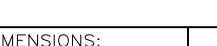
NOTES:

- | | |
|---|--|
| 1 | COUNTRY OF ORIGIN AND TE CONNECTIVITY LOGO LOCATED APPROXIMATELY AS SHOWN |
| 2 | 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 |



SECTION A-A

1825257-2	MSS1200G04	GOLD	2 TO 1		2 TO 3
1825257-1	MSS120004	SILVER	2 TO 1		2 TO 3
PART NO.	T&B PART NO.	PLATING			
			TERMINALS CONNECTED WHEN SLIDE IS IN POSITION SHOWN.		

THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN R BROWN 20DEC05 CHK M SARVER 20DEC05 APVD M SARVER 20DEC05		 TE Connectivity	
DIMENSIONS: mm 		TOLERANCES UNLESS OTHERWISE SPECIFIED: 0 PLC ± - 1 PLC ± 0.3 [012] 2 PLC ± - 3 PLC ± - 4 PLC ± - FINISH ± -		NAME SLIDE SWITCH, MSS 1200 SERIES, SP-DT, VERTICAL	
MATERIAL -		WEIGHT - CUSTOMER DRAWING		SIZE A1	
				CAGE CODE 00779	
				DRAWING NO C-1825257	
				RESTRICTED TO -	
				SCALE 4:1	
				SHEET 1 of 1	
				REV A2	

Mouser Electronics

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[TE Connectivity:](#)

[MSS120004](#)