

SPECIFICATIONS

MAKE-BEFORE-BREAK

MATERIALS:
 ACTUATOR— THERMOPLASTIC, UL94HB
 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
 LEVER,(K SERIES ONLY)— ALUMINUM
 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— SEE P/N TABLE

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

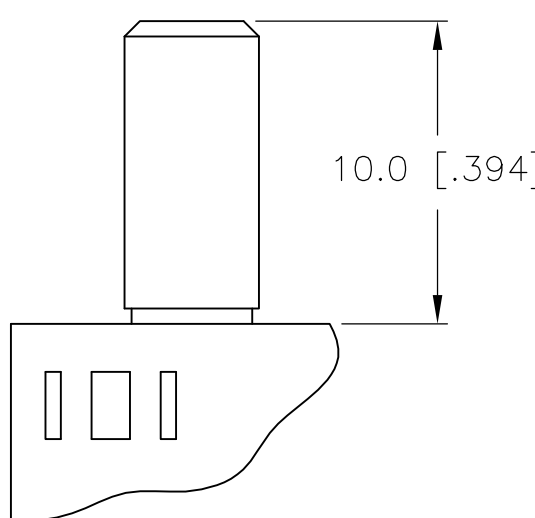
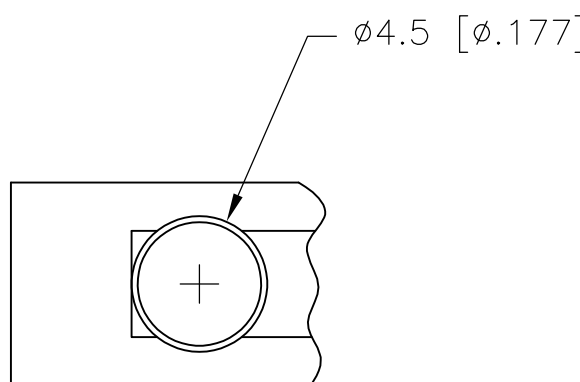
NOTES:

- 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
- 5 OBSOLETE PARTS: OBSOLETE CIS STREAMLINING PER D.RENAUD/D.SINISI

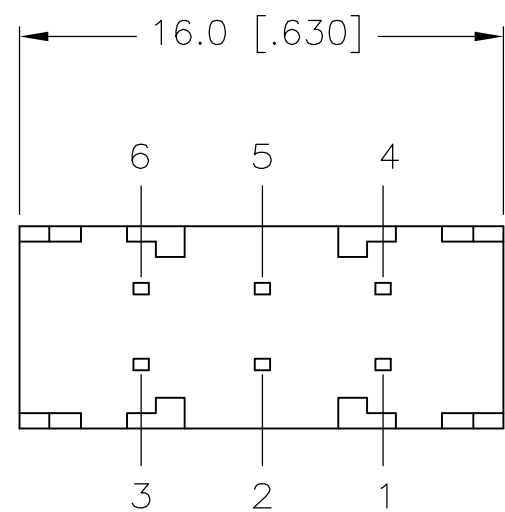
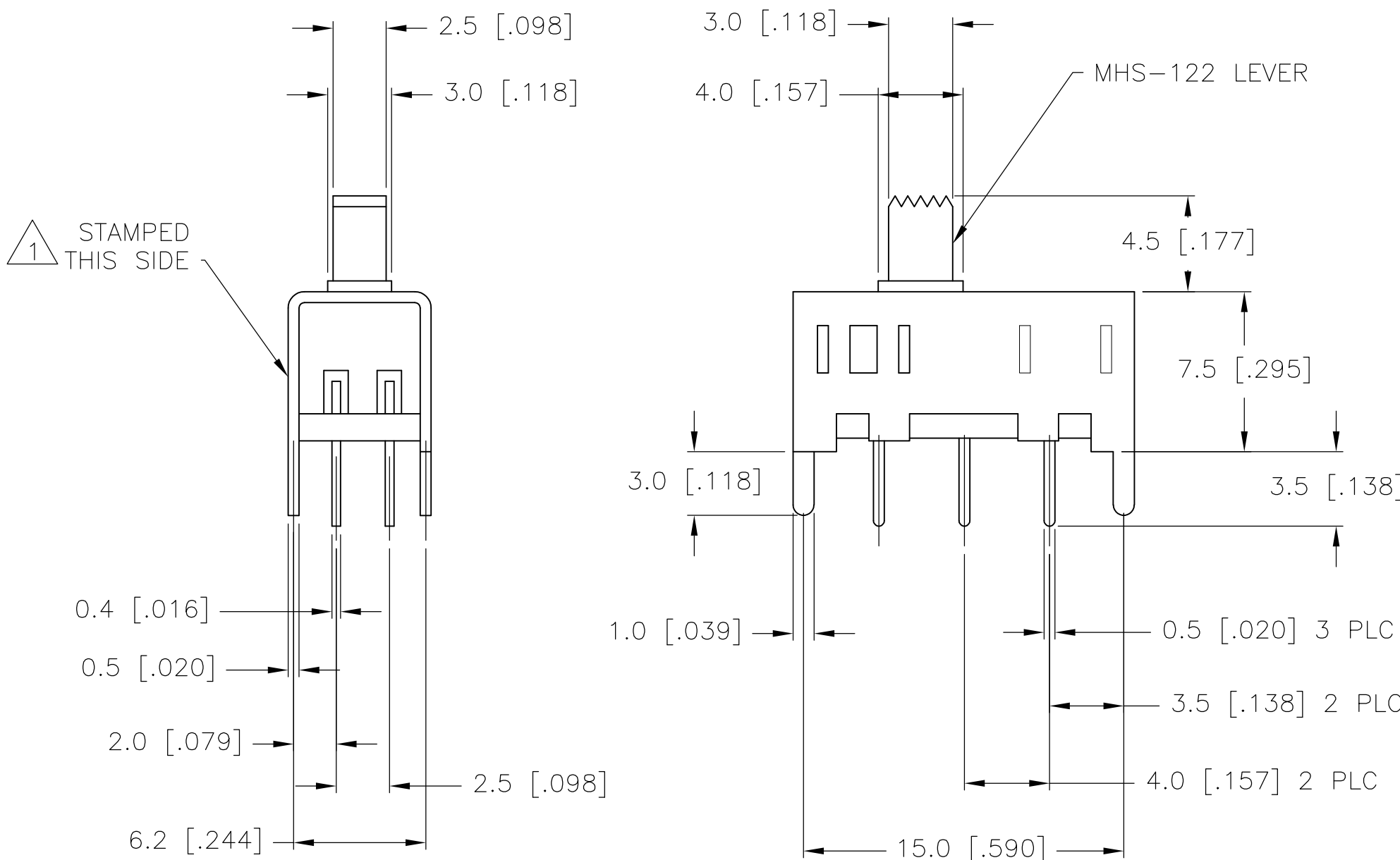
OBSOLETE 	1-1825289-4	MHS233KG04	DP3T	2.00	GOLD	—	6-5 2-1	—	7-6 3-2	—	8-6 4-2
	1-1825289-0	MHS233K04	DP3T	2.00	SILVER	—	6-5 2-1	—	7-6 3-2	—	8-6 4-2
	1825289-9	MHS233G04	DP3T	2.00	GOLD	—	6-5 2-1	—	7-6 3-2	—	8-6 4-2
	1825289-8	MHS23304	DP3T	2.00	SILVER	—	6-5 2-1	—	7-6 3-2	—	8-6 4-2
	—	MHS223KG04	DPDT	2.00	GOLD	5-4 2-1	—	OFF	—	6-5 3-2	—
	1825289-7	MHS223K04	DPDT	2.00	SILVER	5-4 2-1	—	OFF	—	6-5 3-2	—
	1825289-6	MHS223G04	DPDT	2.00	GOLD	5-4 2-1	—	OFF	—	6-5 3-2	—
	1825289-5	MHS22304	DPDT	2.00	SILVER	5-4 2-1	—	OFF	—	6-5 3-2	—
OBSOLETE 	1825289-4	MHS222KG04	DPDT	4.00	GOLD	5-4 2-1	—	NONE	—	6-5 3-2	—
	1825289-3	MHS222K04	DPDT	4.00	SILVER	5-4 2-1	—	NONE	—	6-5 3-2	—
	1825289-2	MHS222G04	DPDT	4.00	GOLD	5-4 2-1	—	NONE	—	6-5 3-2	—
	1825289-1	MHS22204	DPDT	4.00	SILVER	5-4 2-1	—	NONE	—	6-5 3-2	—
	PART NO.	T&B PART NO.	TYPE	TRAVEL	PLATING						

TERMINALS CONNECTED WHEN SLIDE IS
IN POSITION SHOWN.

THIS DRAWING IS A CONTROLLED DOCUMENT.		DIN 210E005 R BROWN GWS 210E005 M. SARVER AP01 210E005		 TE Connectivity	
DIMENSIONS: mm 		TOLERANCES UNLESS OTHERWISE SPECIFIED: 0 P/LC ± — 1 P/LC ± 0.3 [0.12] 2 P/LC ± — 3 P/LC ± — 4 P/LC ± — ANGLES — ± 1° FINISH —		NAME SLIDE SWITCH, MHS SERIES, DOUBLE POLE, VERTICAL	
MATERIAL —		PRODUCT SPEC — APPLICATION SPEC — WEIGHT — CUSTOMER DRAWING		SIZE CAGE CODE DRAWING NO A1 00779 C=1825289 SCALE 4:1 SHEET 1 of 2 REV. B	
				RESTRICTED TO —	



MHS222K & MHS223K
LEVER



Technical drawing of a mechanical part showing dimensions and tolerances. The drawing includes the following dimensions and tolerances:

- 2.0 [.079]
- 6.2 [.244]
- 2.5 [.098]
- 4.0 [.157] TYP
- 15.0 [.590]
- 3.5 [.137]
- Ø0.9 [Ø.035] #65 DRILL 3 PLC
- Ø1.4 [Ø.055] #54 DRILL 2 PLC

RECOMMENDED BOARD LAYOUT
PC LAYOUT TOLERANCE: ± 0.002

MHS222 & MHS223 SERIES SWITCH

