

REVISIONS					
P	LTR	DESCRIPTION	DATE	DWN	APVD
	B4	REVISED PER ECR-19-007953	23MAY2019	SR	PO

SPECIFICATIONS

BREAK-BEFORE-MAKE

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:

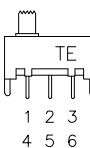
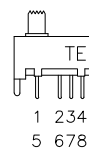
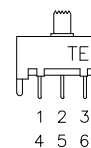
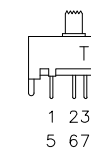
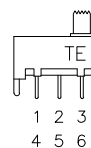
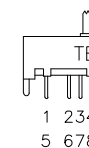
- | | |
|---|--|
| 1 | COUNTRY OF ORIGIN AND TE CONNECTIVITY LOGO LOCATED APPROXIMATELY AS SHOWN |
| 2 | ALL MATERIALS AND FINISHES SHALL COMPLY WITH EU DIRECTIVE 2002/95/EC OF 27JAN2003 (ROHS) |
| 3 | ANTI SOLDER WICK SEAL AT TERMINAL TO BOARD INTERFACE |
| 4 | ALL PERFORMANCE TESTING WAS DONE IN ACCORDANCE TO TE CONNECTIVITY SPECIFICATION 102-2469 |
| 5 | OBSOLETE PARTS: OBSOLETE CIS STREAMLINING PER D.RENAUD/D.SINISI |

- 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

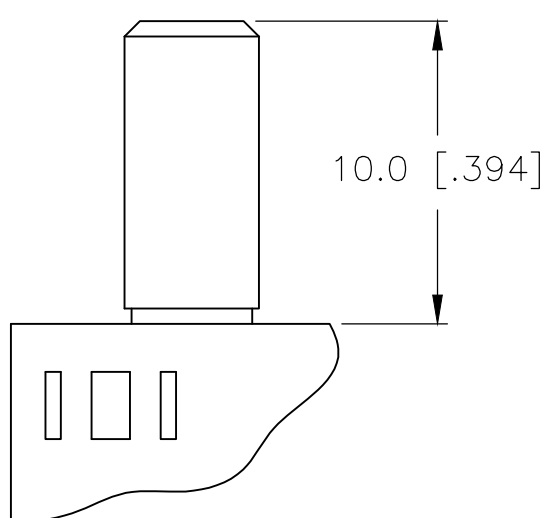
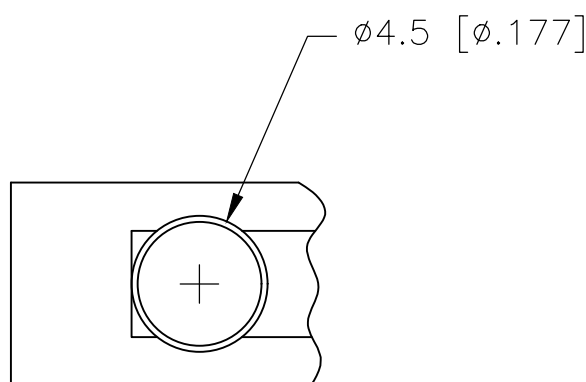
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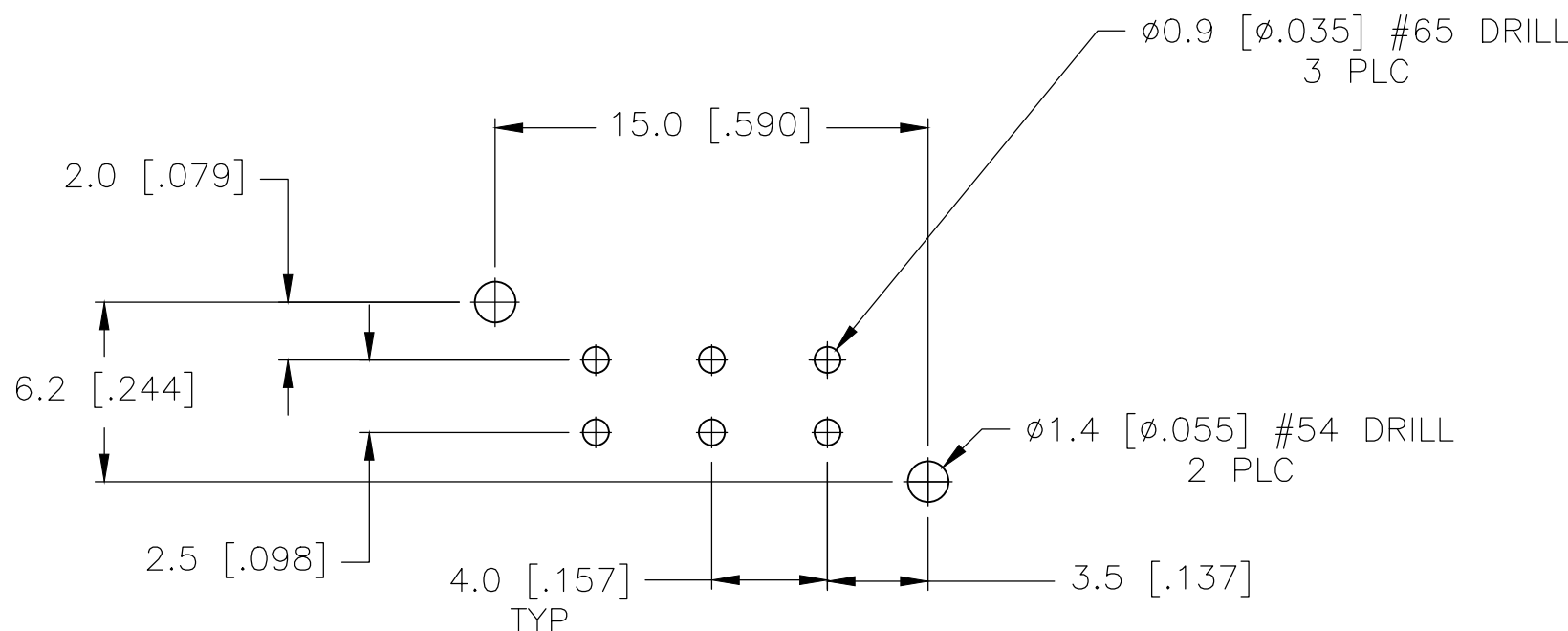
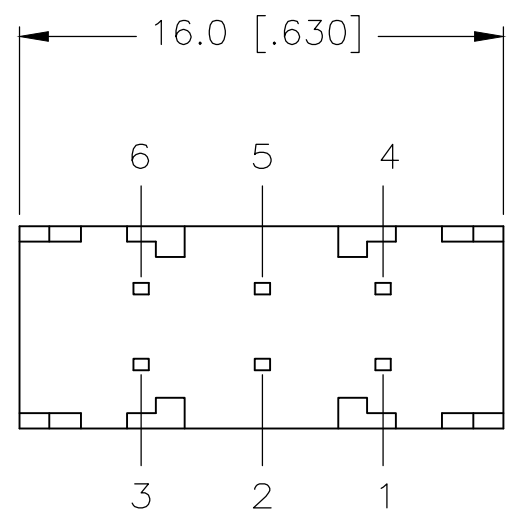
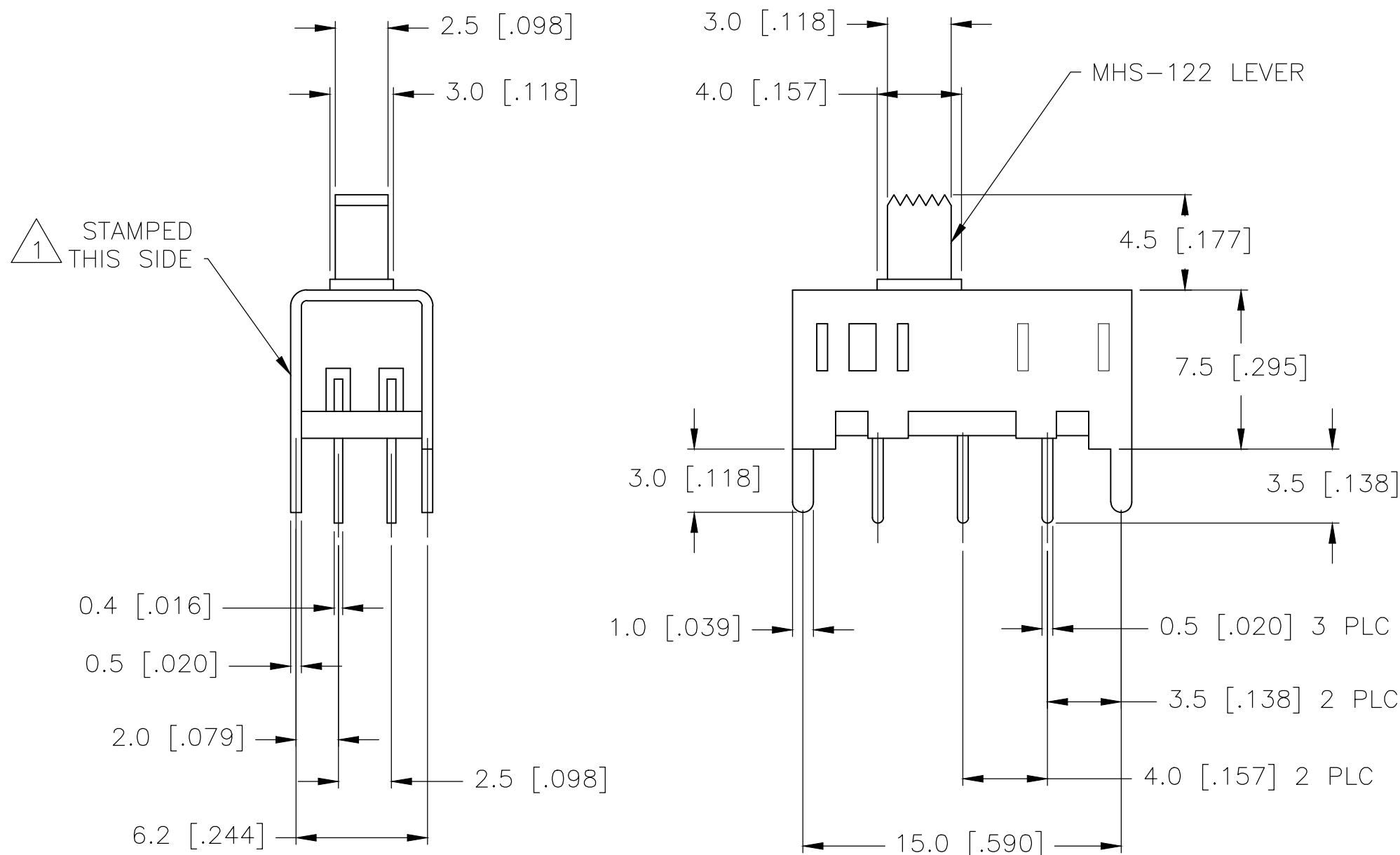
OBSELETE 5	1-1825289-4	MHS233KG04	DP3T	2.00	GOLD	—	6-5 2-1	—	7-6 3-2	—	8-6 4-2
	1-1825289-0	MHS233K04	DP3T	2.00	SILVER	—	6-5 2-1	—	7-6 3-2	—	8-6 4-2
	1825289-9	MHS233G04	DP3T	2.00	GOLD	—	6-5 2-1	—	7-6 3-2	—	8-6 4-2
	1825289-8	MHS23304	DP3T	2.00	SILVER	—	6-5 2-1	—	7-6 3-2	—	8-6 4-2
	—	MHS223KG04	DPDT	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	—
OBSELETE 5	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	 1 2 3 4 5 6	 1 234 5 678	 1 2 3 4 5 6	 1 234 5 678	 1 2 3 4 5 6	 1 234 5 678

TERMINALS CONNECTED WHEN SLIDE IS
IN POSITION SHOWN.

THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN R. BROWN		21DEC05		 TE Connectivity	
DIMENSIONS:		CHK M. SARVER		21DEC05			
TOLERANCES UNLESS OTHERWISE SPECIFIED:		APPR M. SARVER		21DEC05		NAME	
mm		PRODUCT SPEC		SLIDE SWITCH, MHS SERIES, DOUBLE POLE, VERTICAL			
		9 P/LC ± — 2 P/LC ± 0.2 [0.012] 3 P/LC ± — 4 P/LC ± — ANGLE 5° ± 1°		APPLICATION SPEC			
MATERIAL		WEIGHT		SIZE		RESTRICTED TO	
—		—		A1 00779		—	
		CUSTOMER DRAWING		SCALE 4:1		SHEET 1 OF 2	
						REV. B.4	



MHS222K & MHS223K LEVER



RECOMMENDED BOARD LAYOUT
PC LAYOUT TOLERANCE: ± 0.002

PC LAYOUT TOLERANCE: ± 0.002

MHS222 & MHS223 SERIES SWITCH

