

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
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)
INSULATION RESISTANCE— 1,000 Megohms min.
DIELECTRIC STRENGTH— 500V RMS@SEA LEVEL
LIFE EXPECTANCY— 15,000 CYCLES MIN.

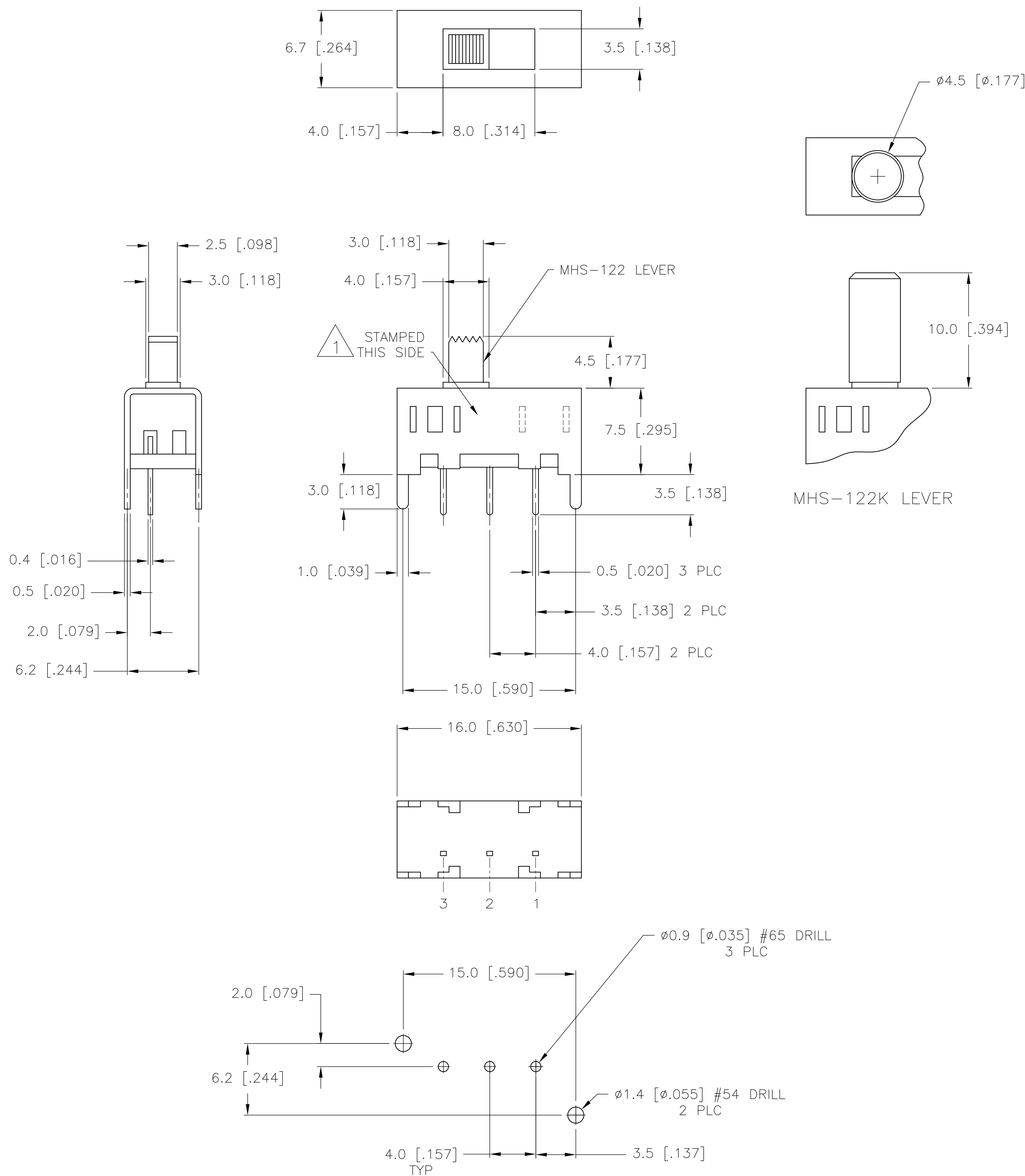
MECHANICAL:

ACTUATION FORCE— 600+/-300 GRAMS
TRAVEL— SEE P/N TABLE

ENVIRONMENTAL:

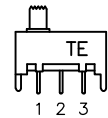
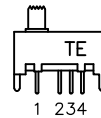
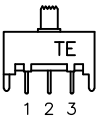
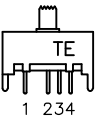
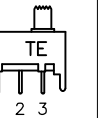
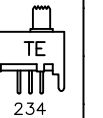
OPERATING TEMPERATURE- -20 TO +85 DEGREES C
STORAGE TEMPERATURE- -40 TO +100 DEGREES C
RESISTANCE TO SOLDER HEAT PER 109-202, CONDITION B
SOLDERABILITY PER EIA-364-52, CLASS 2, CATEGORY 1, 95% MIN COVERAGE

- | | |
|---|--|
| 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 |
| 6 | FOR TE PART NO. 1-1825255-1, LEVER LENGTH IS 15.0 [.591] |



RECOMMENDED BOARD LAYOUT
PC LAYOUT TOLERANCE: ± 0.002

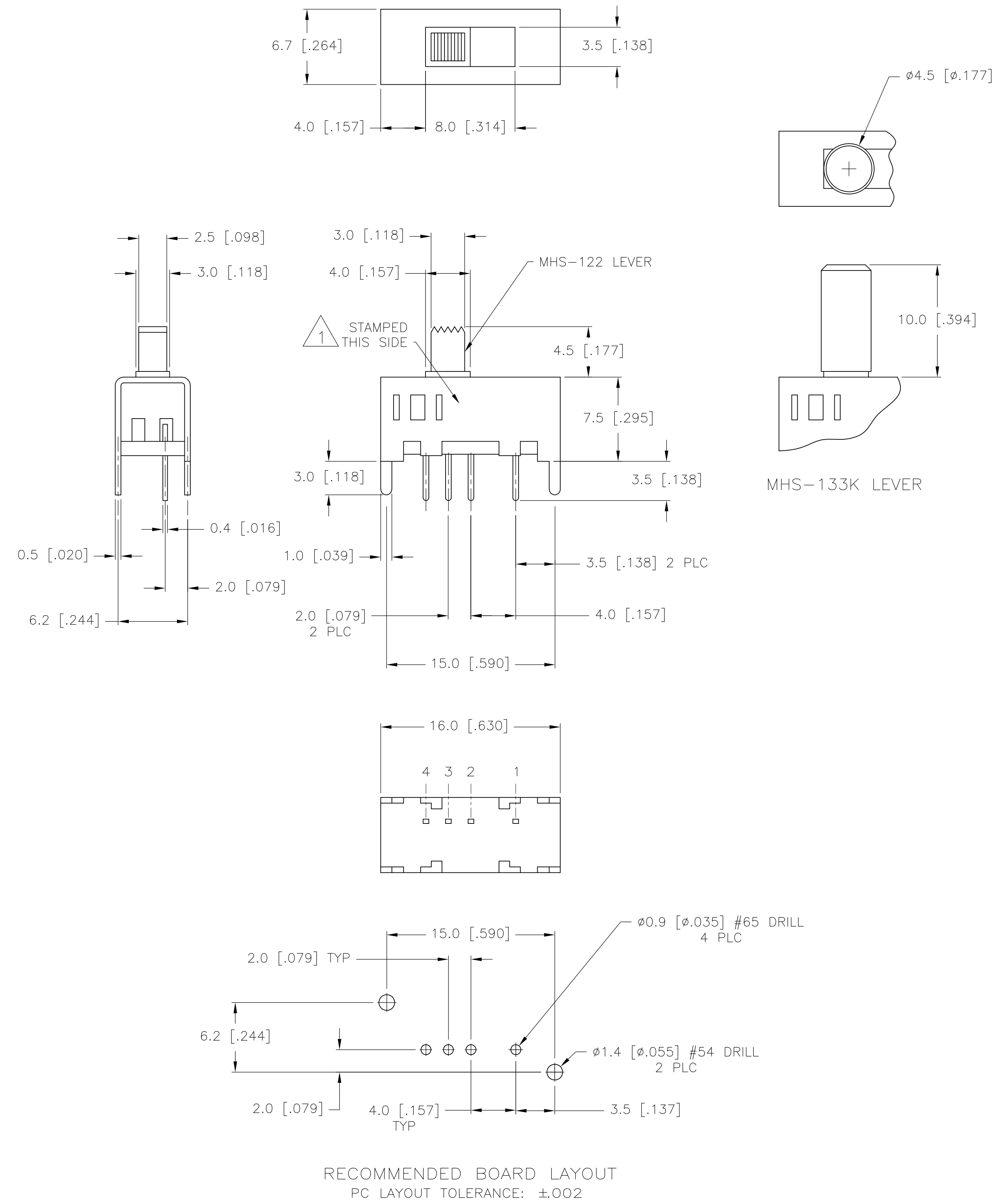
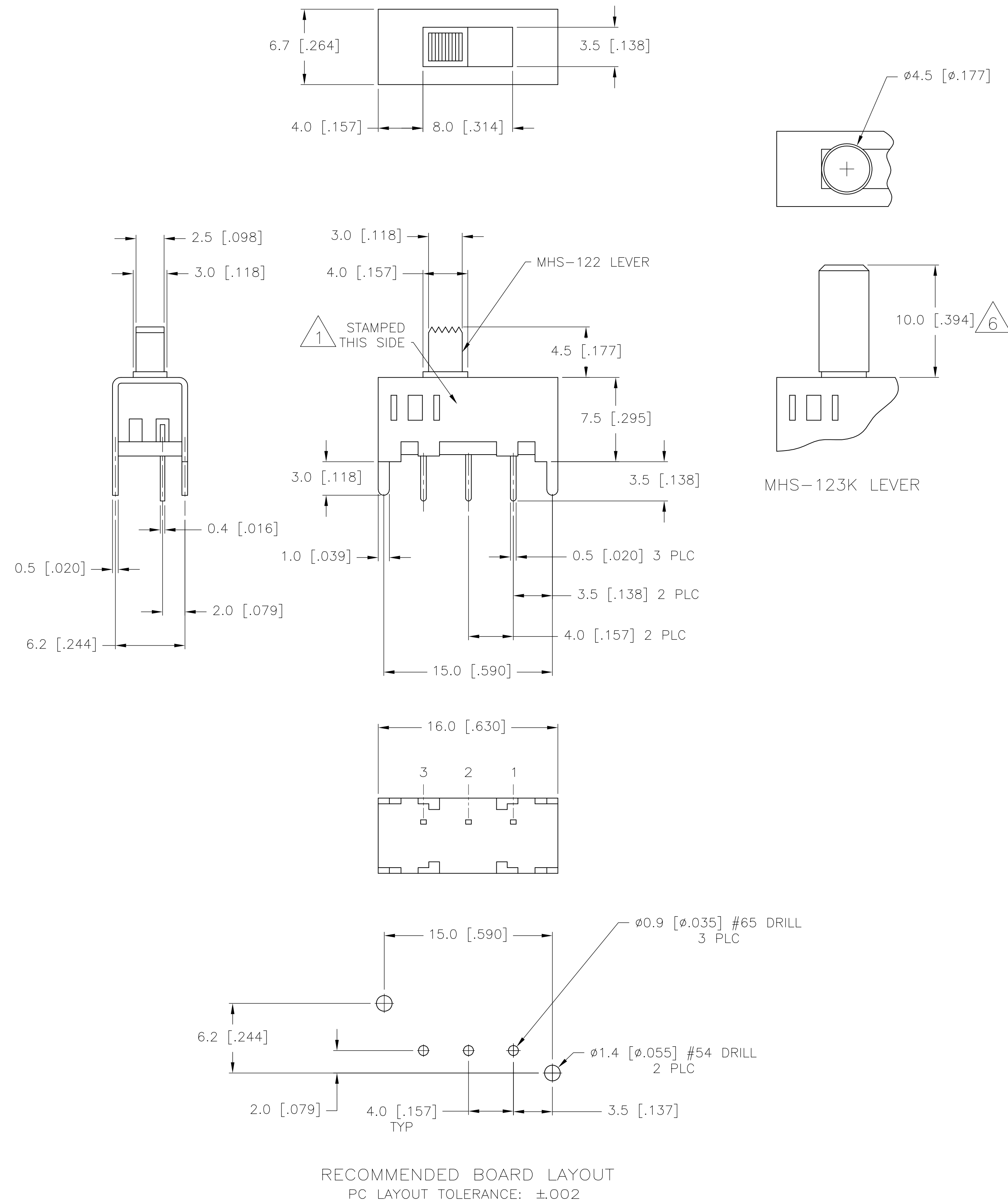
MHS-122 SERIES SWITCH

	1-1825255-1	-	SPDT	2.00	SILVER	2-1	-	OFF	-	2-3	-
	1-1825255-0	MHS133KG04	SP3T	2.00	GOLD	-	2-1	-	2-3	-	2-4
	1825255-9	MHS133K04	SP3T	2.00	SILVER	-	2-1	-	2-3	-	2-4
	1825255-8	MHS133G04	SP3T	2.00	GOLD	-	2-1	-	2-3	-	2-4
	1825255-7	MHS13304	SP3T	2.00	SILVER	-	2-1	-	2-3	-	2-4
	-	MHS123KG04	SPDT	2.00	GOLD	2-1	-	OFF	-	2-3	-
	1825255-6	MHS123K04	SPDT	2.00	SILVER	2-1	-	OFF	-	2-3	-
	-	MHS123G04	SPDT	2.00	GOLD	2-1	-	OFF	-	2-3	-
	1825255-5	MHS12304	SPDT	2.00	SILVER	2-1	-	OFF	-	2-3	-
	1825255-4	MHS122KG04	SPDT	4.00	GOLD	2-1	-	NONE	-	2-3	-
	1825255-3	MHS122K04	SPDT	4.00	SILVER	2-1	-	NONE	-	2-3	-
	1825255-2	MHS122G04	SPDT	4.00	GOLD	2-1	-	NONE	-	2-3	-
	1825255-1	MHS12204	SPDT	4.00	SILVER	2-1	-	NONE	-	2-3	-
	PART NO.	T&B PART NO.	TYPE	TRAVEL	PLATING						
						1 2 3	1 2 3 4	1 2 3	1 2 3 4	1 2 3	1 2 3 4

TERMINALS CONNECTED WHEN :
IN POSITION SHOWN.

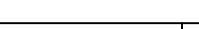
THIS DRAWING IS A CONTROLLED DOCUMENT.						OWN R BROWN		210CE05		 TE Connectivity	
DIMENSIONS: mm [INCHES]		TOLERANCES UNLESS OTHERWISE SPECIFIED:		CHK M. SARVER		210CE05		NAME		SLIDE SWITCH, MHS SERIES, SINGLE POLE, VERTICAL	
				APPROV M. SARVER		210CE05					
		0 PLG ± — 1 PLG ± 0.3 [012] 2 PLG ± — 3 PLG ± — ANGLES ± 1° FINISH —		PRODUCT SPEC				SIZE		DRAWING NO	
				APPLICATION SPEC							
MATERIAL —				WEIGHT —		A1 00779		C-1825255		RESTRICTED TO —	
CUSTOMER DRAWING						SCALE 4:1		SHEET 1 OF 2		REV A	

LOC	DIST	REVISIONS					
AD	00	P	LTR	DESCRIPTION	DATE	DWN	APVD
			—	SEE SHEET 1	—	—	—



MHS-123 SERIES
SWITCH

MHS-133 SERIES
SWITCH

THIS DRAWING IS A CONTROLLED DOCUMENT.		DWG. 21DEC05 R. BROWN CHK. 21DEC05 M. SARVER APVD. 21DEC05 M. SARVER	 TE Connectivity			
DIMENSIONS: mm [INCHES]	TOLERANCES UNLESS OTHERWISE SPECIFIED: 0 P/LC ± - 1 P/LC ± 0.3 [0.012] 2 P/LC ± - 3 P/LC ± - 4 P/LC ± - ANGLES ± 1°		NAME	SLIDE SWITCH, MHS SERIES, SINGLE POLE, VERTICAL -		
					PRODUCT SPEC - APPLICATION SPEC -	
MATERIAL -	FINISH -	WEIGHT -	SIZE A1	CAGE CODE 00779	DRAWING NO C-1825255	RESTRICTED TO -
CUSTOMER DRAWING			SCALE 4:1	SHEET 2 OF 2	REV A4	