

LOC	DIST	REVISIONS					
AD	00	P	LTR	DESCRIPTION	DATE	DWN	APVD
			A2	REVISED PER ECO-10-008611	24APR10	HMR	NE

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— .5VA@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:

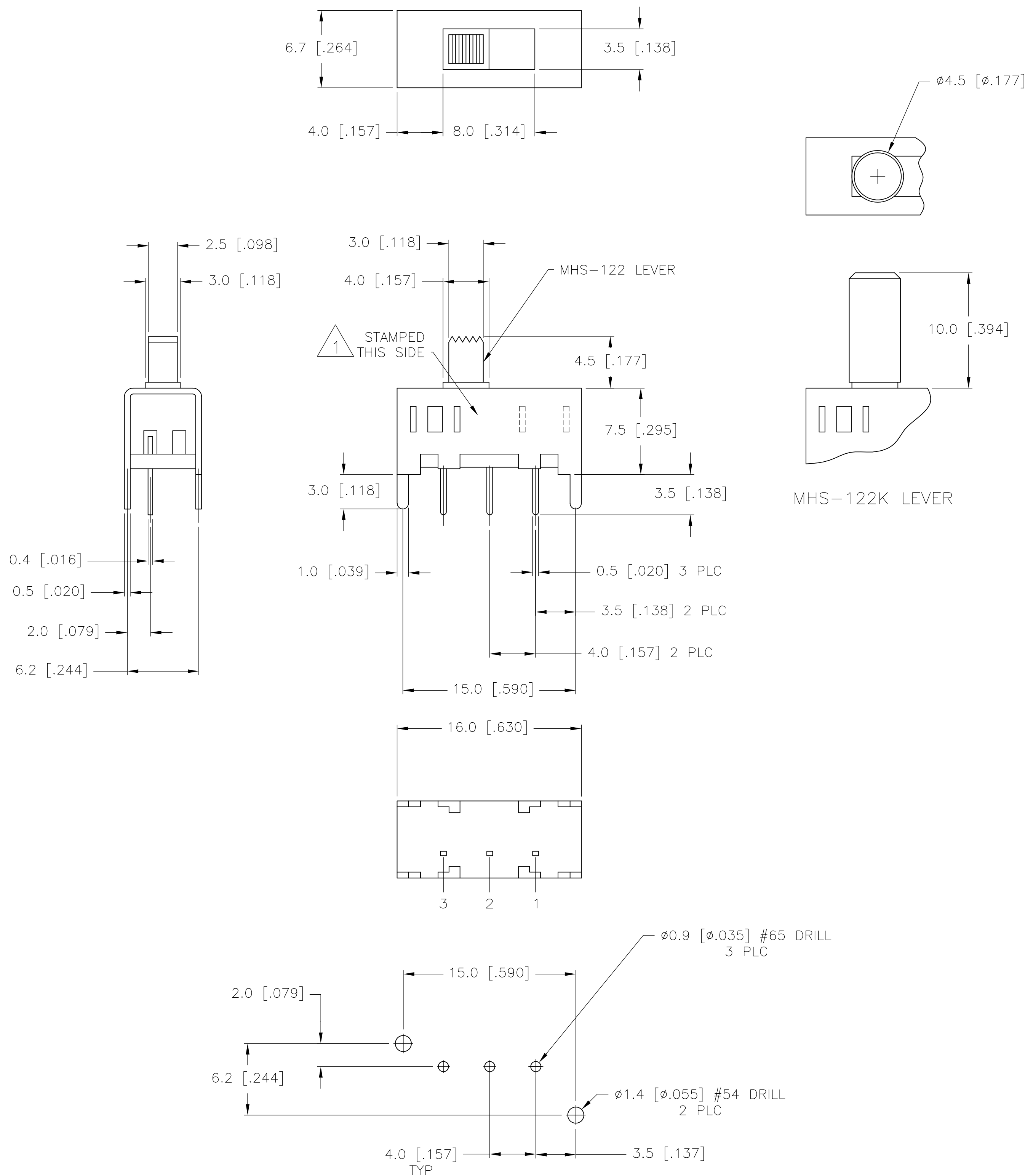
ACTUATION FORCE— 600+/-300 GRAMS
TRAVEL— SEE P/N TABLE

ENVIRONMENTAL:

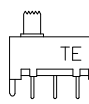
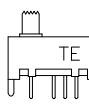
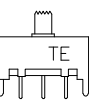
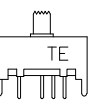
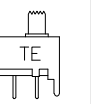
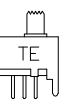
OPERATING TEMPERATURE- -20 TO +85 DEGREES C
STORAGE TEMPERATURE- -40 TO +100 DEGREES C
RESISTANCE TO SOLDER HEAT PER 109-202, CONDITION B
SOLDERABILITY PER EIA-364-52, CLASS 2, CATEGORY 1, 95% MIN COVERAGE

NOTES:

- | | |
|---|--|
| 1 | COUNTRY OF ORIGIN AND TE 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 SPECIFICATION 102-2469 |
| 5 | OBSOLETE PARTS: OBSOLETE CIS STREAMLINING PER D.RENAUD/D.SINISI |

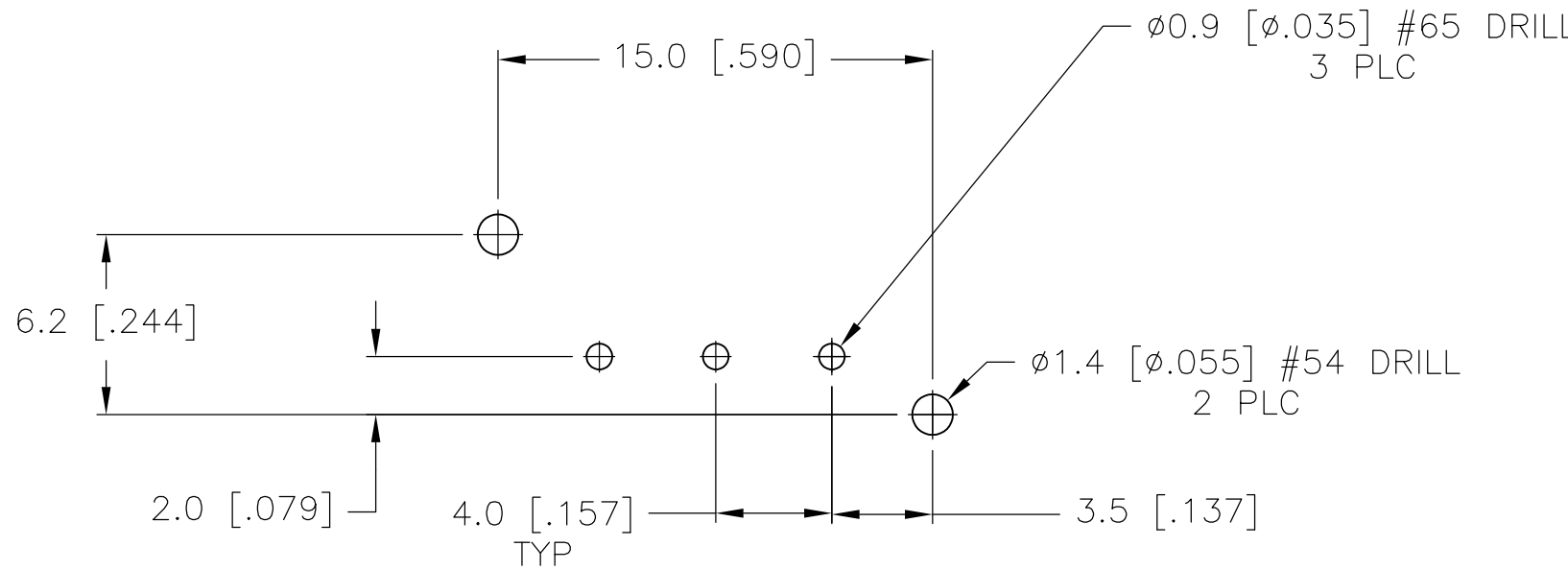
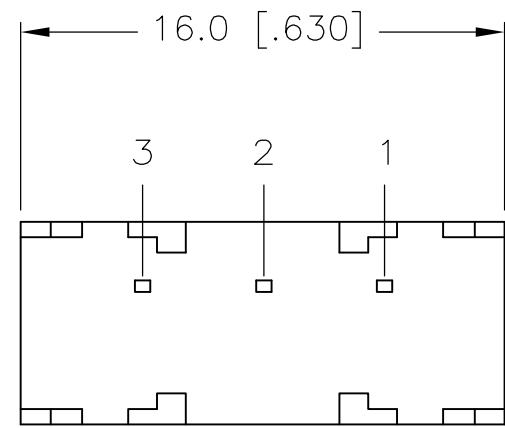
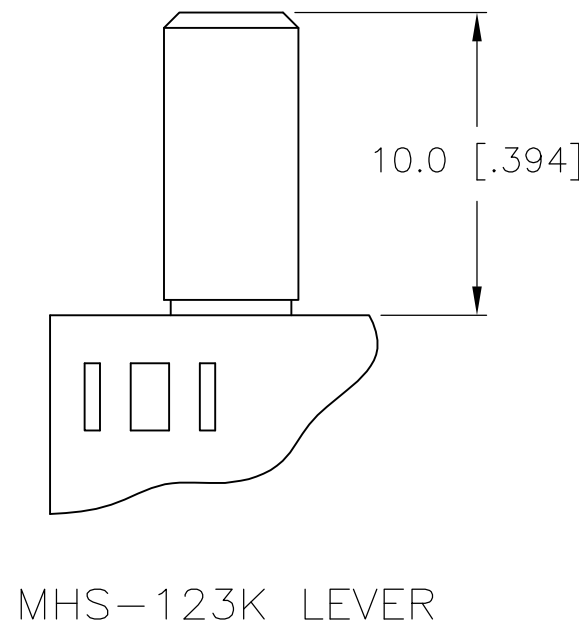
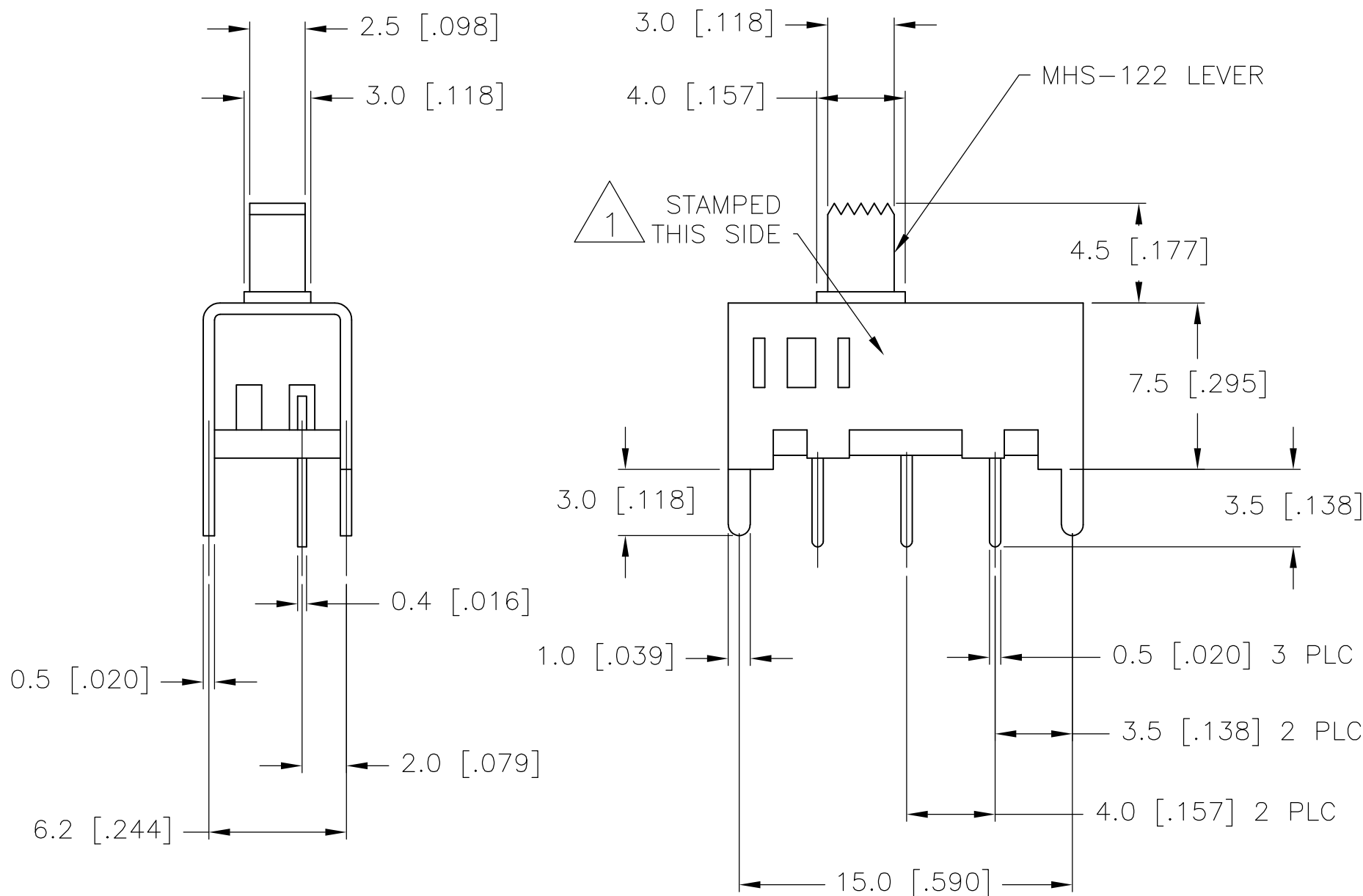
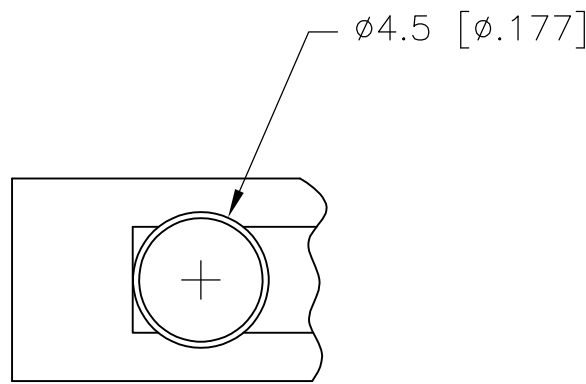
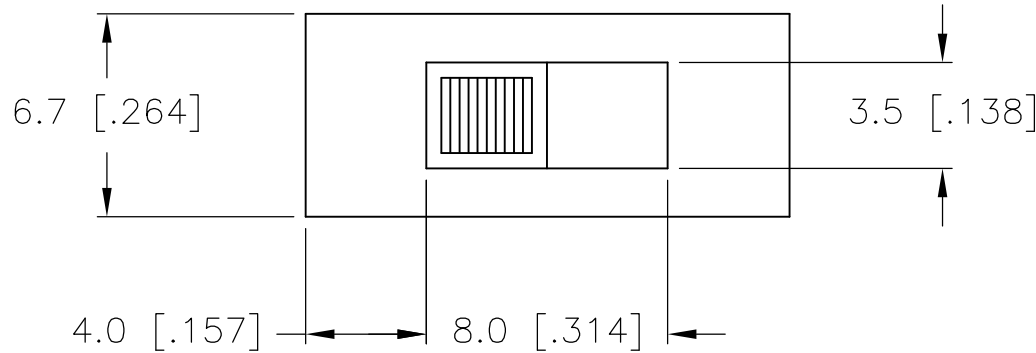


MHS-122 SERIES SWITCH

OBSOLETE 	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	-
	OBSOLETE 	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	-
	TE PART NO.	T&B PART NO.	TYPE	TRAVEL	PLATING						

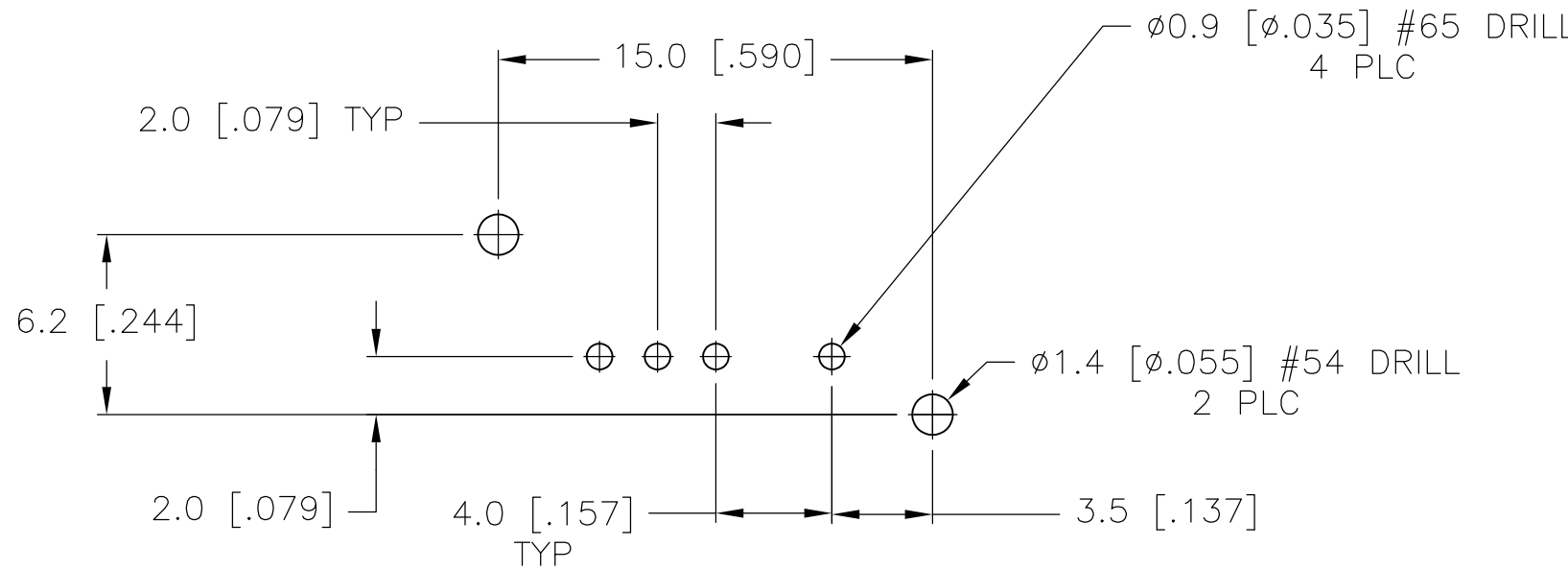
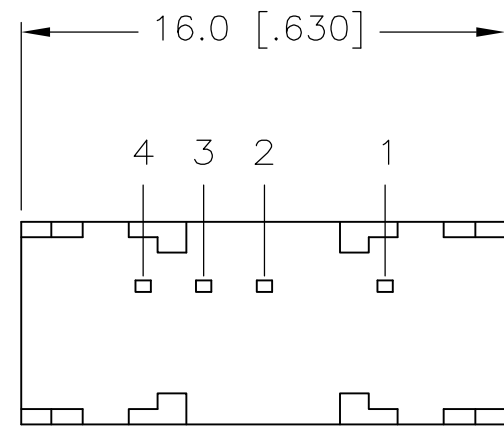
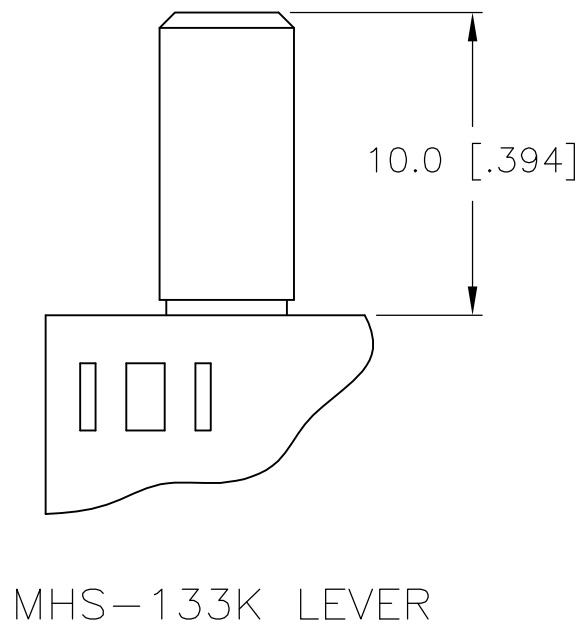
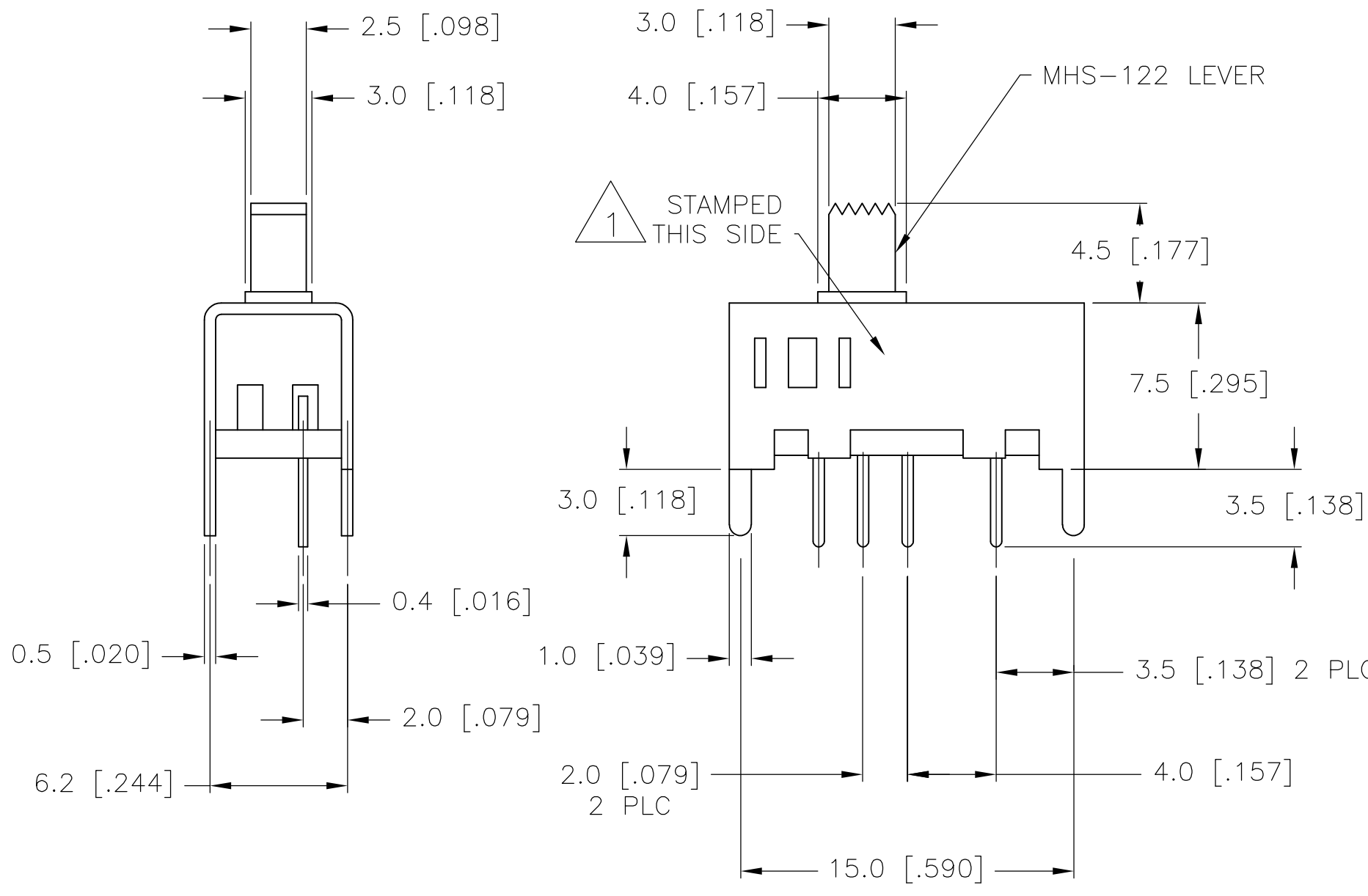
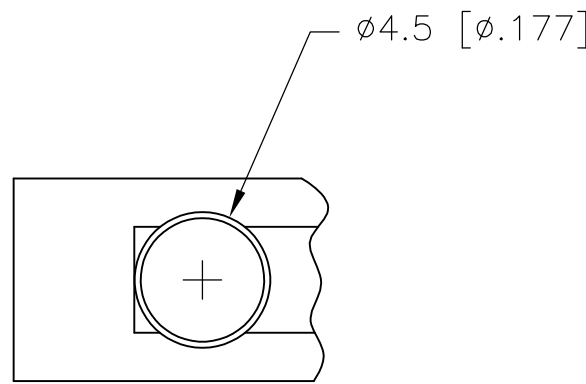
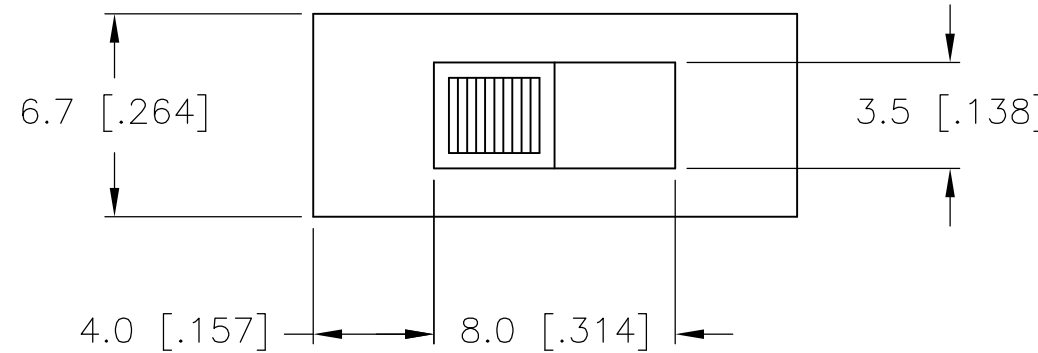
THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN R BROWN	21DEC05	 Tyco Electronics Corporation Harrisburg, Pa 17105-3608
DIMENSIONS:		CHK M SARVER	21DEC05	
TOLERANCES UNLESS OTHERWISE SPECIFIED:		APVD M SARVER	21DEC05	
mm		NAME		
	0 PLC ± —	PRODUCT SPEC		
	1 PLC ± 0.3 [012]	—		
	2 PLC ± —	APPLICATION SPEC		
	3 PLC ± —	—		
4 PLC ± —		SLIDE SWITCH, MHS SERIES, SINGLE POLE, VERTICAL		
4 PLG ANGLES ± 1°		SIZE		
MATERIAL	FINISH	WEIGHT	CAGE CODE	
—	—	—	DRAWING NO	
CUSTOMER DRAWING		A1 00779		RESTRICTED TO
		C=1825255		—
		SCALE		REV
		4:1		A2
		SHEET		1 OF 2

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



RECOMMENDED BOARD LAYOUT
PC LAYOUT TOLERANCE: ±.002

MHS-123 SERIES SWITCH



RECOMMENDED BOARD LAYOUT
PC LAYOUT TOLERANCE: ±.002

MHS-133 SERIES SWITCH

THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN R BROWN	21DEC05	Tyco Electronics Corporation Harrisburg, Pa 17105-3608	
		CHK M SARVER	21DEC05		
DIMENSIONS: mm		TOLERANCES UNLESS OTHERWISE SPECIFIED:		NAME M SARVER	SLIDE SWITCH, MHS SERIES, SINGLE POLE, VERTICAL
		0 PLC ± — 1 PLC ± 0.3 [.012] 2 PLC ± — 3 PLC ± — 4 PLC ± — ANGLES ± 1°		PRODUCT SPEC — APPLICATION SPEC — WEIGHT —	
MATERIAL —		FINISH —		SIZE A1	RESTRICTED TO —
				CAGE CODE 00779	REV A2
				DRAWING NO 1825255	
				SCALE 4:1	SHEET 2 OF 2
				CUSTOMER DRAWING	