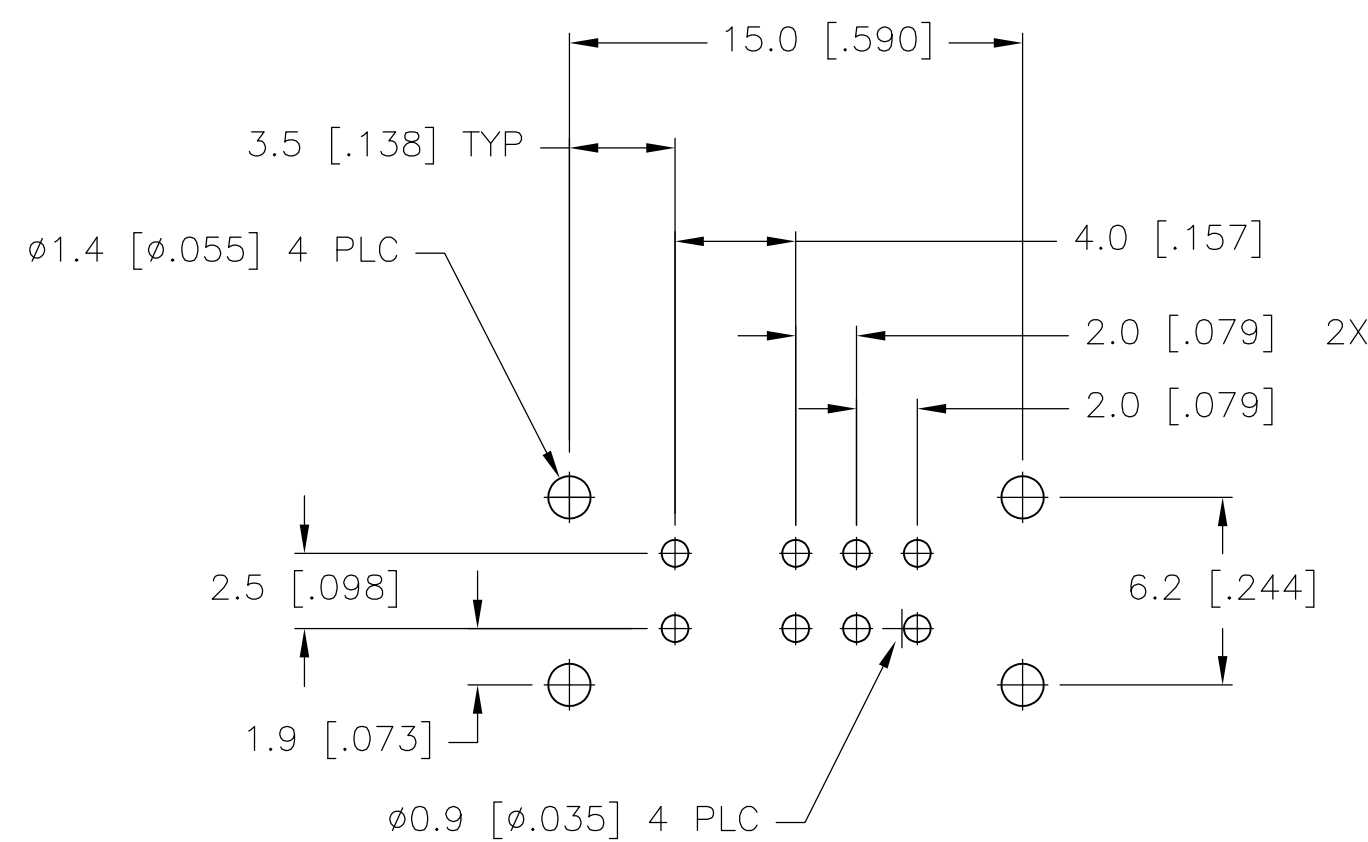
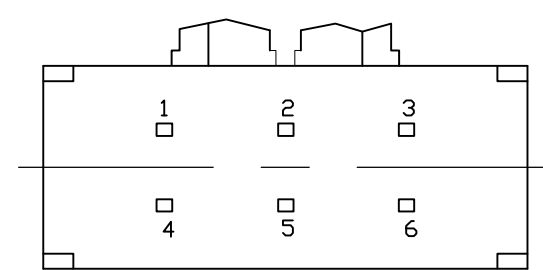
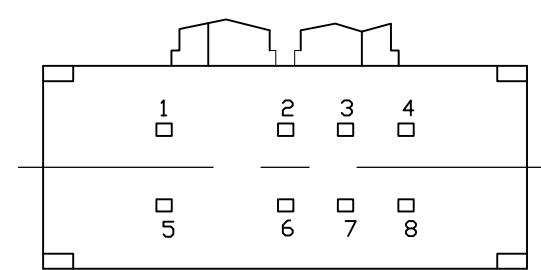
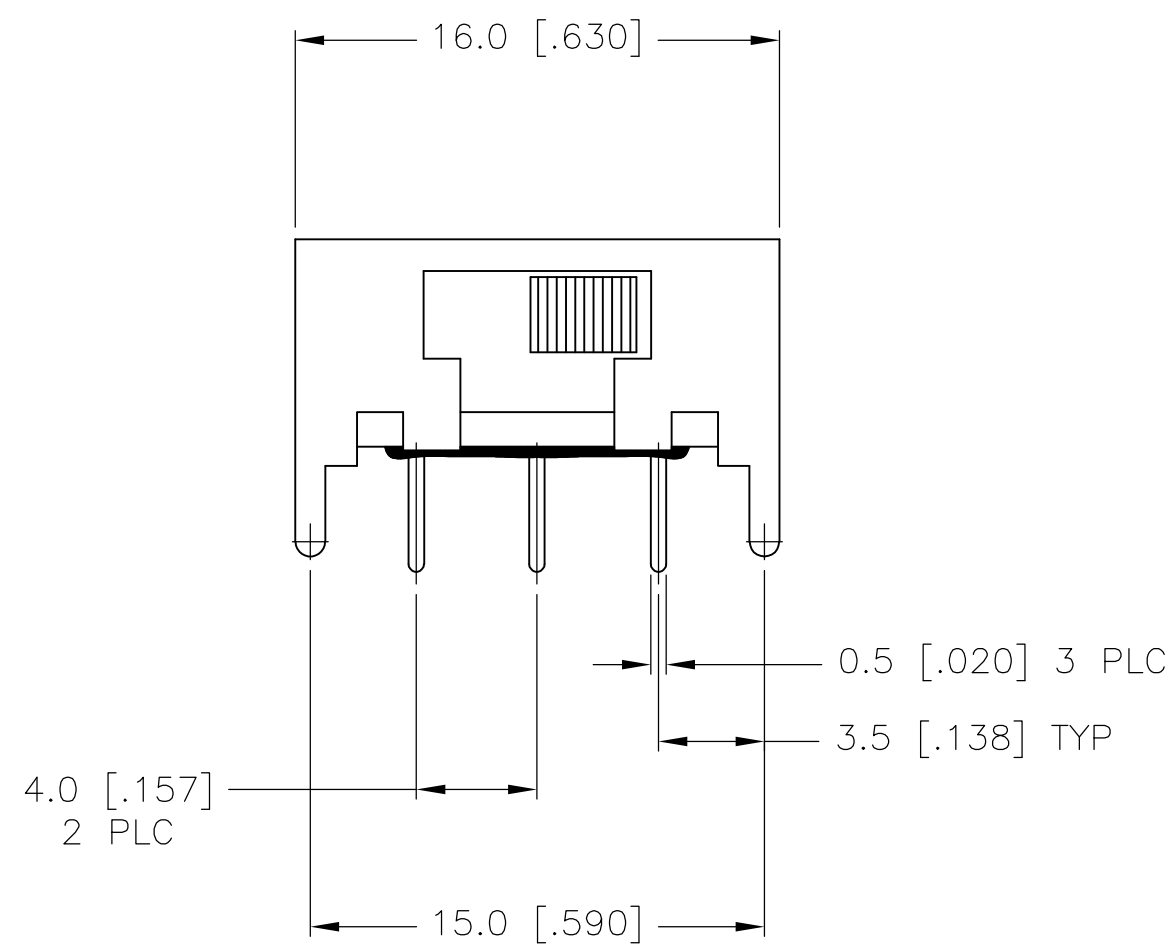
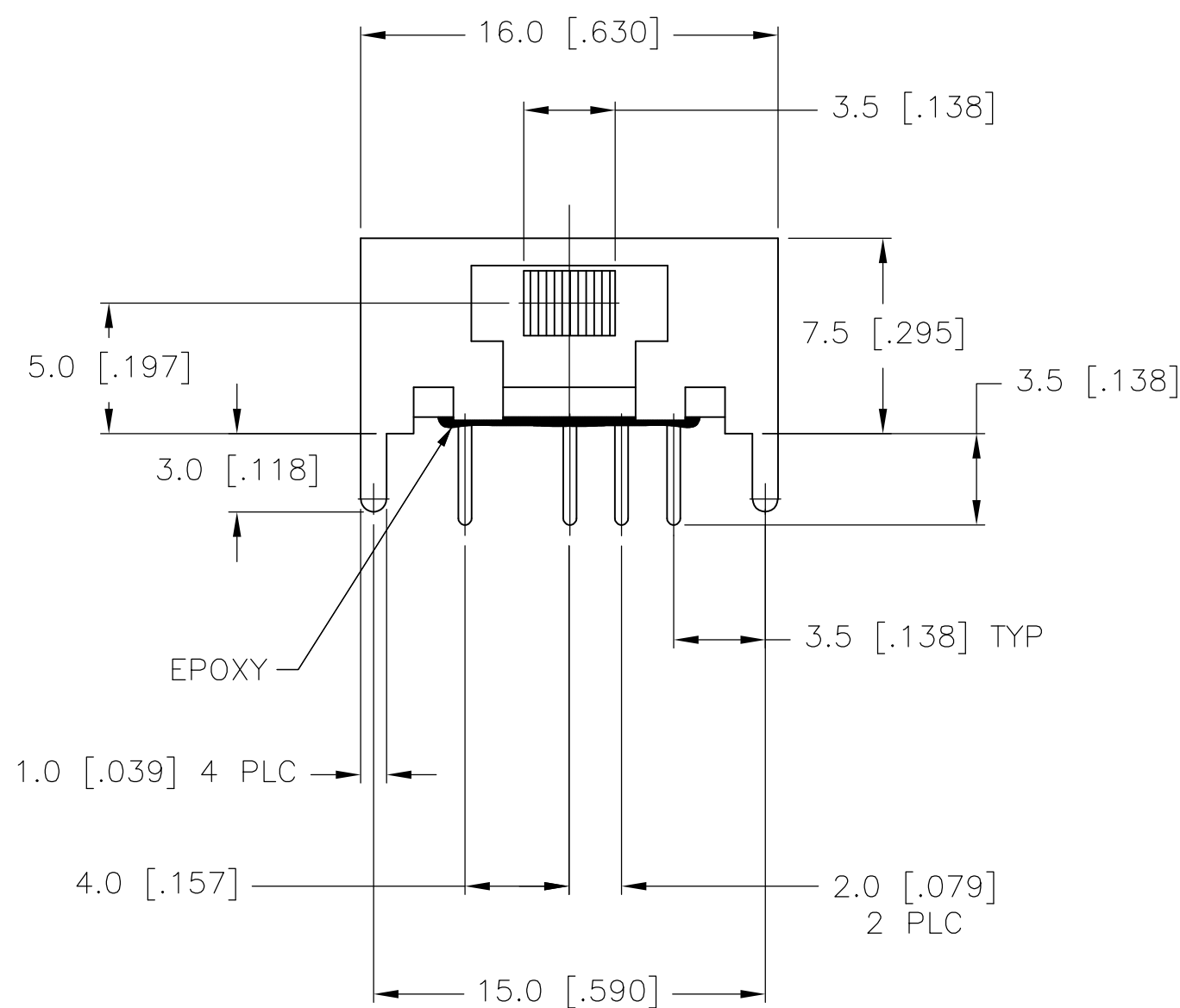
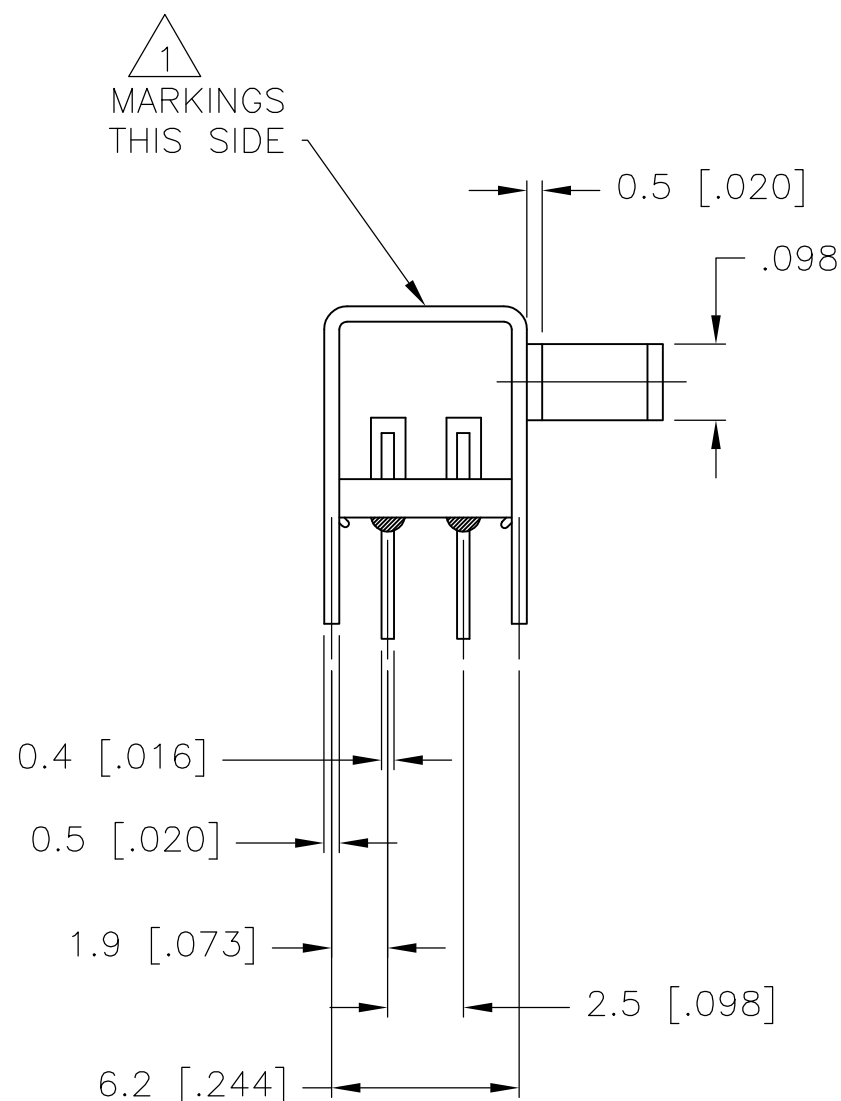
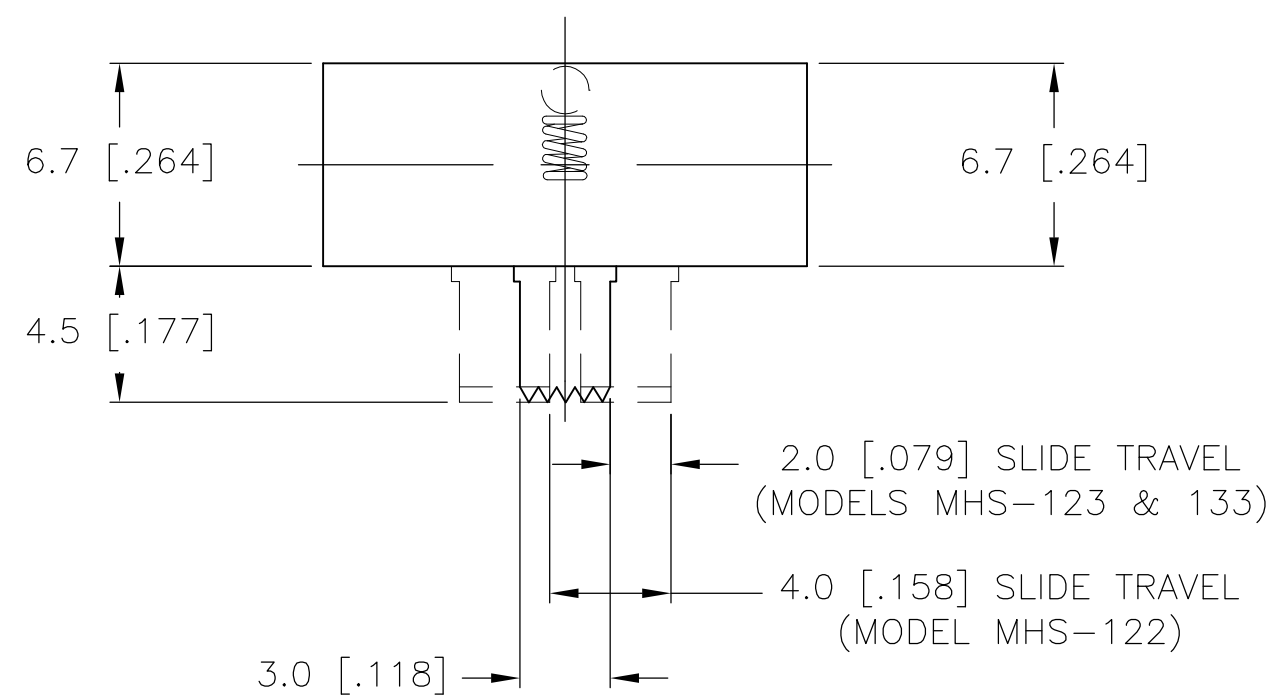
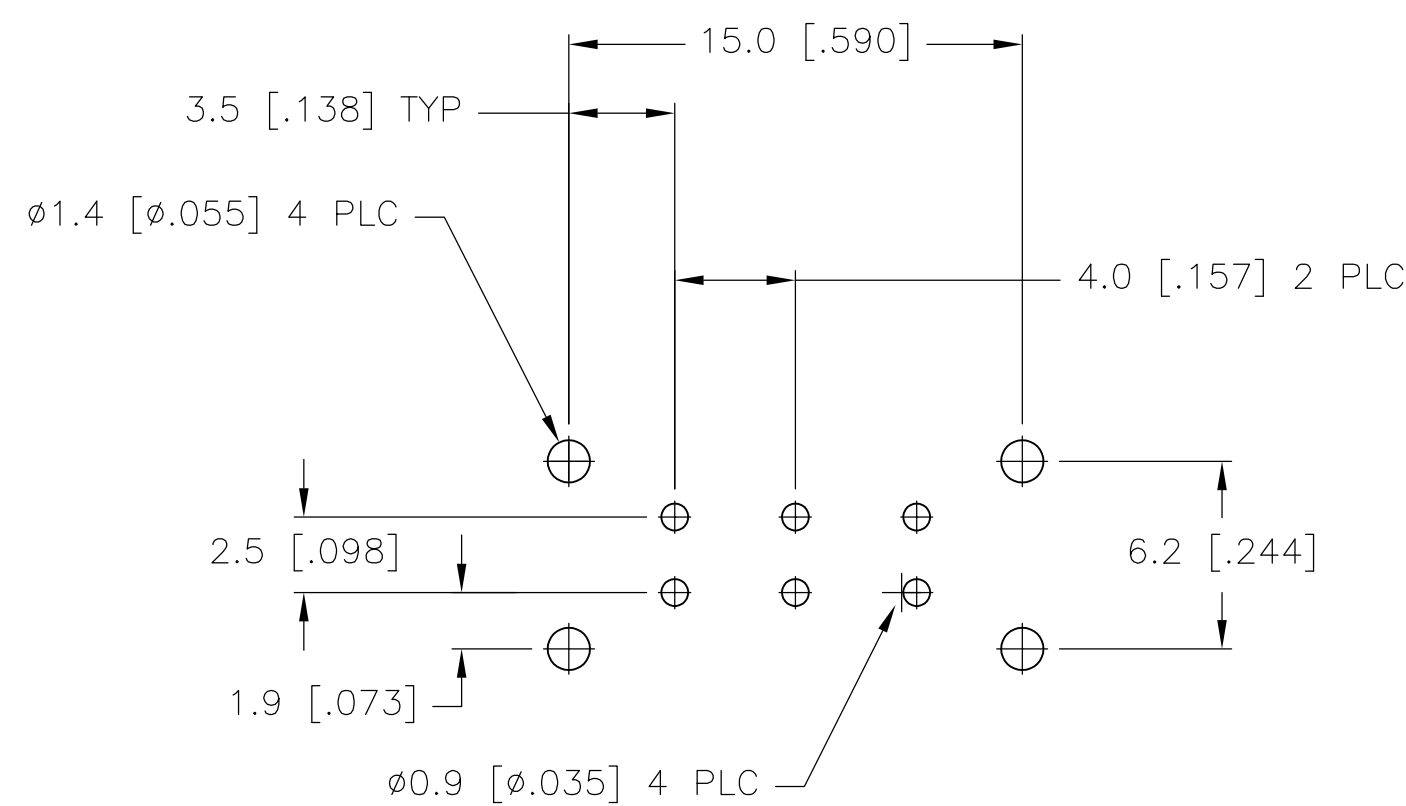




RECOMMENDED BOARD LAYOUT
PC LAYOUT TOLERANCE: ± 0.002

MHS233 SERIES SWITCH



RECOMMENDED BOARD LAYOUT
PC LAYOUT TOLERANCE: ± 0.002

MHS222 & 223 SERIES SWITCH

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- 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 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 |

1825290-1	MHS222RA04	DPDT	4.00	SILVER	5-4 2-1	—	NONE	—	6-5 3-2	—
1825290-2	MHS223RA04	DPDT	2.00		5-4 2-1	—	OFF	—	6-5 3-2	—
1825290-3	MHS233RA04	DP3T	2.00		—	6-5 2-1	—	7-6 3-2	—	8-6 4-2
1825290-4	MHS222GRA04	DPDT	4.00	GOLD	5-4 2-1	—	NONE	—	6-5 3-2	—
1825290-5	MHS223GRA04	DPDT	2.00		5-4 2-1	—	OFF	—	6-5 3-2	—
1825290-6	MHS233GRA04	DP3T	2.00		—	6-5 2-1	—	7-6 3-2	—	8-6 4-2
TE PART NO.	T&B PART NO.	TYPE	TRAVEL	CONTACT	 1 2 3 4 5 6	 1 2 3 4 5 6 7 8	 1 2 3 4 5 6	 1 2 3 4 5 6 7 8	 1 2 3 4 5 6	 1 2 3 4 5 6 7 8

THIS DRAWING IS A CONTROLLED DOCUMENT.		DWG R BROWN	21DEC05		
		CHK M SARVER	21DEC05		
DIMENSIONS:		APD M SARVER	21DEC05		
TOLERANCES UNLESS OTHERWISE SPECIFIED:					
mm		NAME			
	0 PLG ± — 1 PLG ± 0.3 [.012] 2 PLG ± — 3 PLG ± — 4 PLG ± — ANGLES ± 1°	SLIDE SWITCH, MHS SERIES, DOUBLE POLE, RIGHT ANGLE			
MATERIAL	FINISH	WEIGHT	—	SIZE	RESTRICTED TO
—	—	—	—	A1 00779 C-1825290	—
CUSTOMER DRAWING			SCALE	SHEET	REV
			4:1	1 OF 1	A