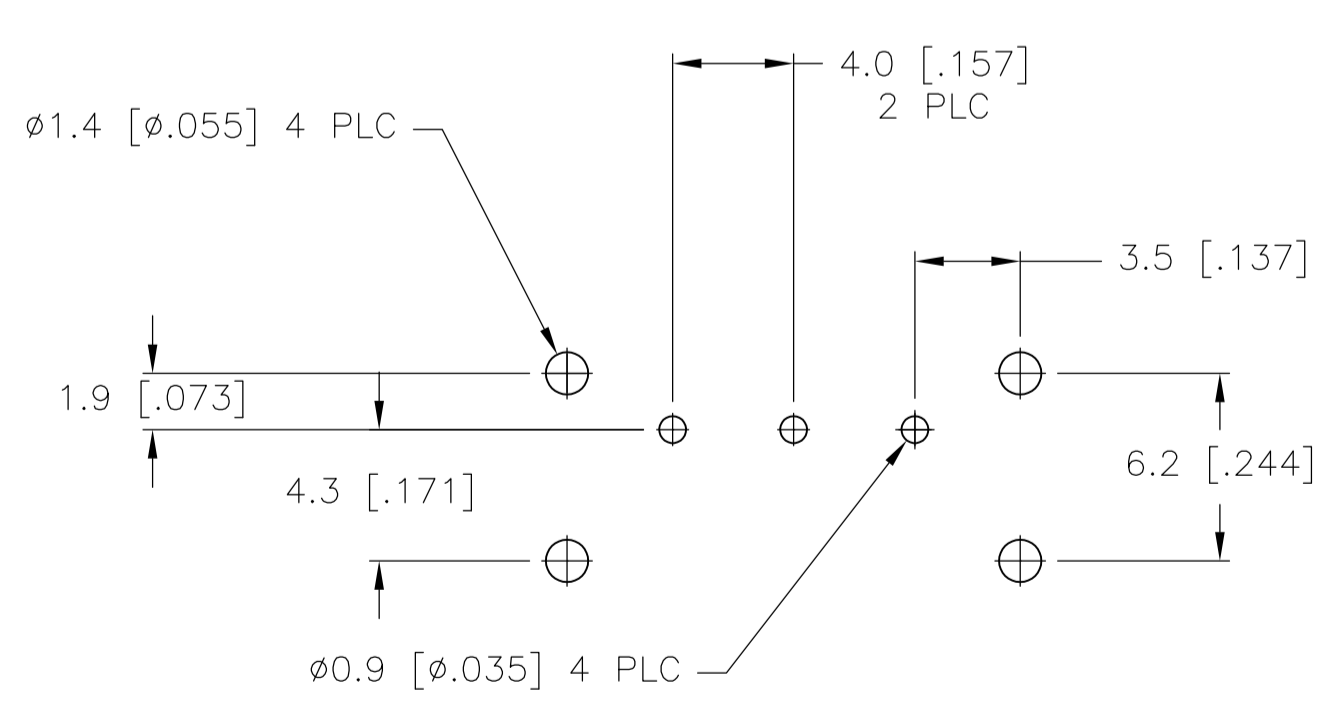


RECOMMENDED BOARD LAYOUT
PC LAYOUT TOLERANCE: ±0.02

MHS-133 SERIES SWITCH



RECOMMENDED BOARD LAYOUT
PC LAYOUT TOLERANCE: ±0.02

MHS-122 & 123 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
LEVER,(K SERIES ONLY)- ALUMINUM
SEAL- EPOXY

ELECTRICAL:
CONTACT RATING- .4VA@20VDC OR PEAK AC (GOLD); 300mA@125V AC (SILVER)PER EIA-448, METHOD
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- 2.0 +/-0.50 (.079 +/-0.020) ["SEE P/N TABLE" for 1825256 & 1825290]

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
 - 6 ACTUATOR SUPPLIED IN POSITION SHOWN.

1825256-6	MHS133GRA04	2.00		-	2-1	-	2-3	-	2-4
OBSOLETE 5	1825256-5	MHS123GRA04	2.00	GOLD	2-1	-	OFF	-	2-3
	1825256-4	MHS122GRA04	4.00		2-1	-	NONE	-	2-3
1825256-3	MHS133RA04	2.00		-	2-1	-	2-3	-	2-4
OBSOLETE 5	1825256-2	MHS123RA04	2.00	SILVER	2-1	-	OFF	-	2-3
	1825256-1	MHS122RA04	4.00		2-1	-	NONE	-	2-3
PART NO.	T&B PART NO.	TRAVEL	CONTACT	TERMINALS CONNECTED WHEN SLIDE IS IN POSITION SHOWN.					
				1 2 3	1 2 3 4	1 2 3	1 2 3 4	1 2 3	1 2 3 4

THIS DRAWING IS A CONTROLLED DOCUMENT. DWG: BROWN, 20DEC05. CHK: M SARVER, 19MAY03. NAME: M SARVER, 19MAY03. PRODUCT SPEC: PRODUCT SPEC. APPLICATION SPEC: APPLICATION SPEC. MATERIAL: FINISH: WEIGHT: A1 00779 1825256. CUSTOMER DRAWING. SCALE: 4:1. SHEET: 1 OF 1. REV: A4.

TE Connectivity

SLIDE SWITCH, MHS SERIES, SINGLE POLE, RIGHT ANGLE