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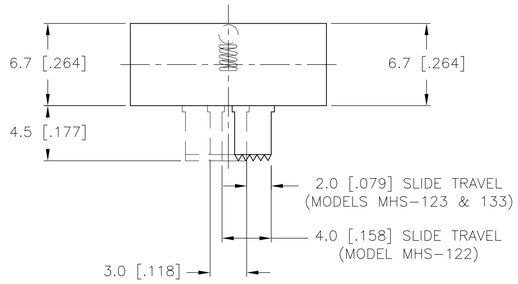
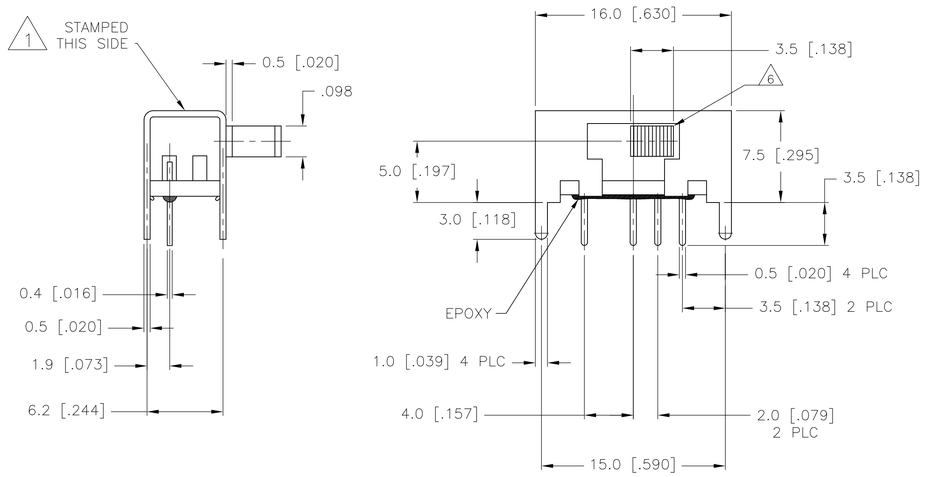
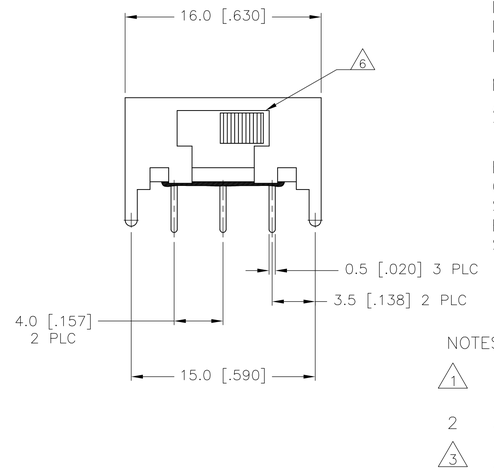
LOC	DIST
AD	00

REVISIONS

P	LTR	DESCRIPTION	DATE	DWN	APVD
	A4	REVISED PER ECO-12-014494	08AUG12	KH	PO







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 NICKLE PLATE
DETENT BALL- STEEL
COIL SPRING- GALVANIZED SPRING WIRE
LEVER,(K SERIES ONLY)- ALUMINUM
SEAL- EPOXY

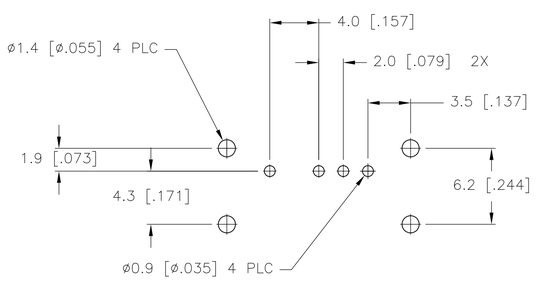
ELECTRICAL:
CONTACT RATING- .4VA@20VDC OR PEAK AC (GOLD); 300mA@125V AC (SILVER)PER EIA-448, METHOD
INITIAL CONTACT RESISTANCE- 30 milliohm max.
FINAL CONTACT RESISTANCE- 100 milliohm max. (AFTER TEST)
INSULTAION RESISTANCE- 1,000 Megohms min.
DIELECTRIC STRENGTH- 500V RMS@SEA LEVEL
LIFE EXPECTANCY- 15,000 CYCLES MIN.

MECHANICAL:
ACTUATION FORCE- 600+/-300 GRAMS
TRAVEL- 2.0 +/-.50 (.079 +/-.020) ["SEE P/N TABLE" for 1825256 & 1825290]

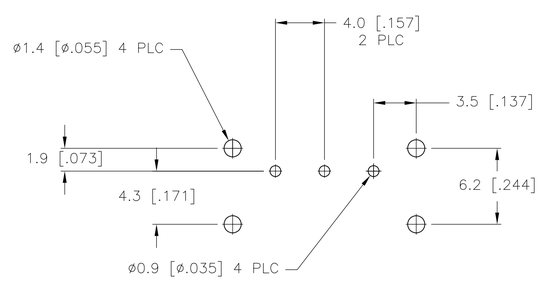
ENVIRONMENTAL:
OPERATING TEMPERATURE- -20 TO +85 DEGREES C
STORAGE TEMPERATURE- -40 TO +100 DEGREES C
RESISTANCE TO SOLDER HEAT PER 109-202, CONDITION B
SOLDERABILITY PER EIA-364-52, CLASS 2, CATEGORY 1, 95% MIN COVERAGE

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.



RECOMMENDED BOARD LAYOUT
PC LAYOUT TOLERANCE: ±.002



RECOMMENDED BOARD LAYOUT
PC LAYOUT TOLERANCE: ±.002

	PART NO.	T&B PART NO.	TRAVEL	CONTACT	1 2 3	1 2 3 4	1 2 3	1 2 3 4	1 2 3	1 2 3 4
	1825256-6	MHS133GRA04	2.00	GOLD	–	2-1	–	2-3	–	2-4
OBSOLETE 5	~~1825256-5~~	MHS123GRA04	2.00	GOLD	2-1	–	OFF	–	2-3	–
OBSOLETE 5	~~1825256-4~~	MHS122GRA04	4.00	GOLD	2-1	–	NONE	–	2-3	–
	1825256-3	MHS133RA04	2.00	SILVER	–	2-1	–	2-3	–	2-4
OBSOLETE 5	~~1825256-2~~	MHS123RA04	2.00	SILVER	2-1	–	OFF	–	2-3	–
	1825256-1	MHS122RA04	4.00	SILVER	2-1	–	NONE	–	2-3	–

TERMINALS CONNECTED WHEN SLIDE IS IN POSITION SHOWN.

MHS-133 SERIES SWITCH

MHS-122 & 123 SERIES SWITCH

THIS DRAWING IS A CONTROLLED DOCUMENT.

DIMENSIONS: mm

TOLERANCES UNLESS OTHERWISE SPECIFIED:
0 PLC ± –
1 PLC ± 0.3 [.012]
2 PLC ± –
3 PLC ± –
4 PLC ± –
ANGLES ± 1°

MATERIAL –
FINISH –

DWN R BROWN 20DEC05
CHK M SARVER 19MAY03
APVD M SARVER 19MAY03
PRODUCT SPEC —
APPLICATION SPEC —
WEIGHT —

TE Connectivity

NAME: SLIDE SWITCH, MHS SERIES, SINGLE POLE, RIGHT ANGLE

SIZE	CAGE CODE	DRAWING NO	RESTRICTED TO
A1	00779	C-1825256	—

CUSTOMER DRAWING | SCALE 4:1 | SHEET 1 OF 1 | REV A4

4805 (3/11)