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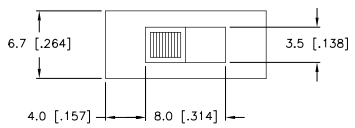
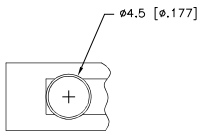
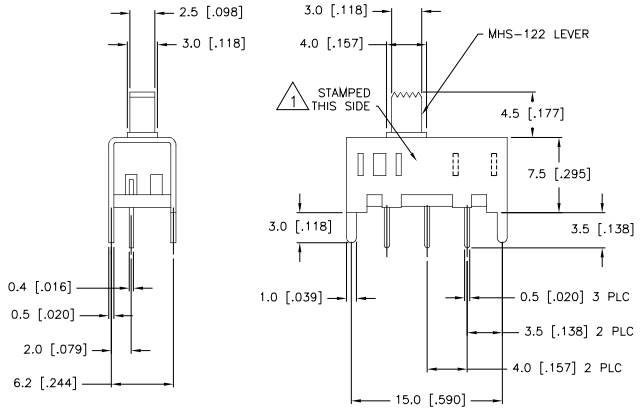
LOC	DIST
AD	00

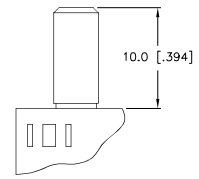
REVISIONS

P	LTR	DESCRIPTION	DATE	DWN	APVD
	A3	REVISED PER ECO-11-004587	11MAR11	RK	HMR

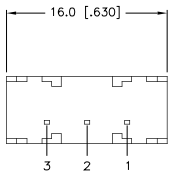


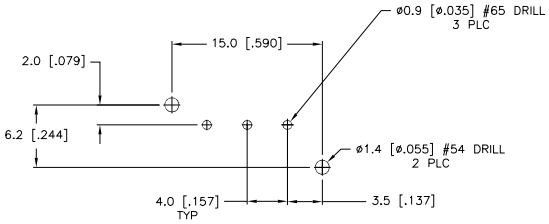






MHS-122K LEVER





RECOMMENDED BOARD LAYOUT
PC LAYOUT TOLERANCE: ±.002

MHS-122 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 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)
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

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

	PART NO.	T&B PART NO.	TYPE	TRAVEL	PLATING	TE 1 2 3	TE 1 2&4	TE 1 2 3	TE 1 2&4	TE 1 2 3	TE 1 2&4
OBSOLETE 5	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 5	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	-

TERMINALS CONNECTED WHEN SLIDE IS IN POSITION SHOWN.

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 21DEC05
CH M SARVER 21DEC05
APVD M SARVER 21DEC05
PRODUCT SPEC -
APPLICATION SPEC -
WEIGHT -

TE Connectivity

NAME SLIDE SWITCH, MHS SERIES, SINGLE POLE, VERTICAL

SIZE	CAGE CODE	DRAWING NO	RESTRICTED TO
A1	00779	C-1825255	-

CUSTOMER DRAWING | SCALE 4:1 | SHEET 1 OF 2 | REV A3

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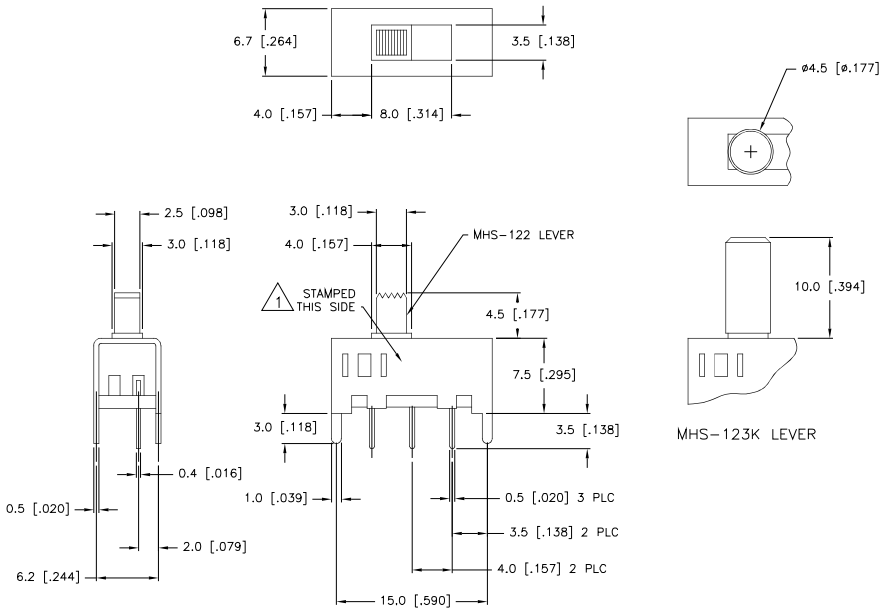
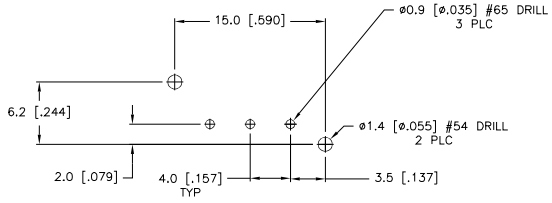
AD	00

REVISIONS

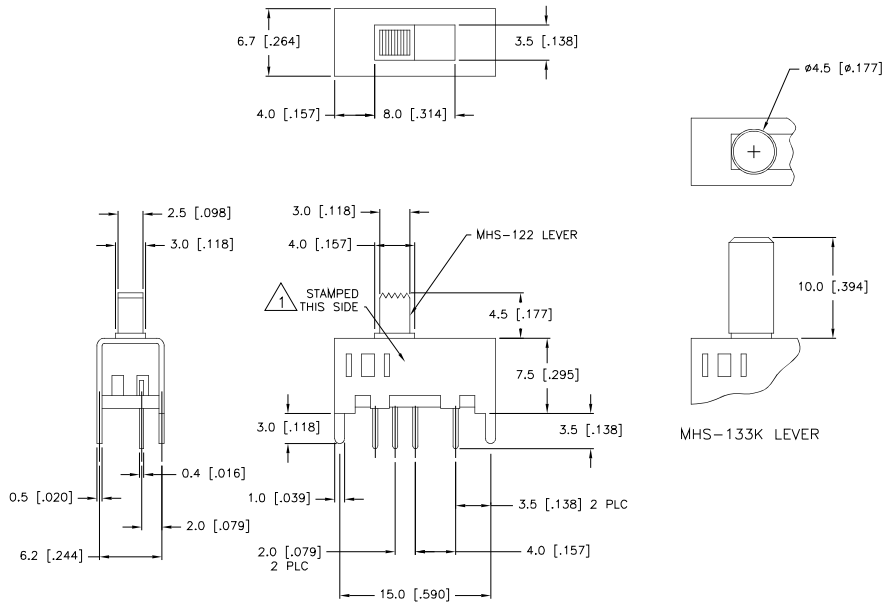
P	LTR	DESCRIPTION	DATE	DWN	APVD
	-	SEE SHEET 1	-	-	-

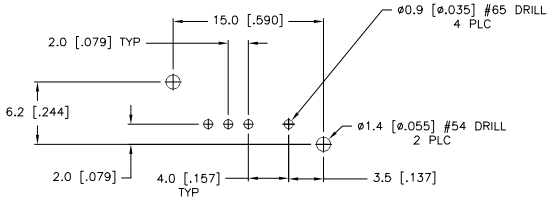




RECOMMENDED BOARD LAYOUT
PC LAYOUT TOLERANCE: ±.002

MHS-123 SERIES SWITCH





RECOMMENDED BOARD LAYOUT
PC LAYOUT TOLERANCE: ±.002

MHS-133 SERIES SWITCH

THIS DRAWING IS A CONTROLLED DOCUMENT.

DRN	R BROWN	21DEC05
CHK	M SARVER	21DEC05
APVD	M SARVER	21DEC05

DIMENSIONS: mm
TOLERANCES UNLESS OTHERWISE SPECIFIED:
0 PLC ± -
1 PLC ± 0.3 [.012]
2 PLC ± -
3 PLC ± -
4 PLC ± -
ANGLES ± 1°
MATERIAL -
FINISH -
PRODUCT SPEC -
APPLICATION SPEC -
WEIGHT -

TE Connectivity

NAME: SLIDE SWITCH, MHS SERIES, SINGLE POLE, VERTICAL

SIZE	CAGE CODE	DRAWING NO	RESTRICTED TO
A1	00779	C-1825255	-

CUSTOMER DRAWING | SCALE 4:1 | SHEET 2 OF 2 | REV A3

4805 (3/11)