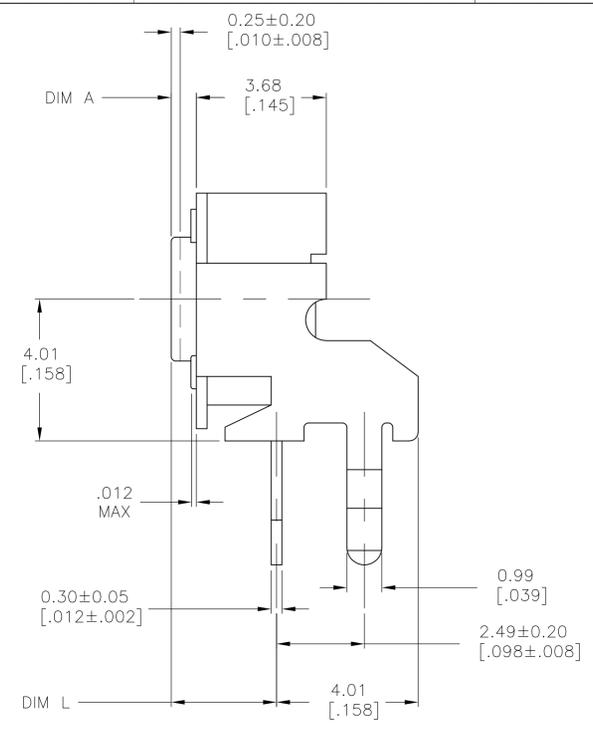
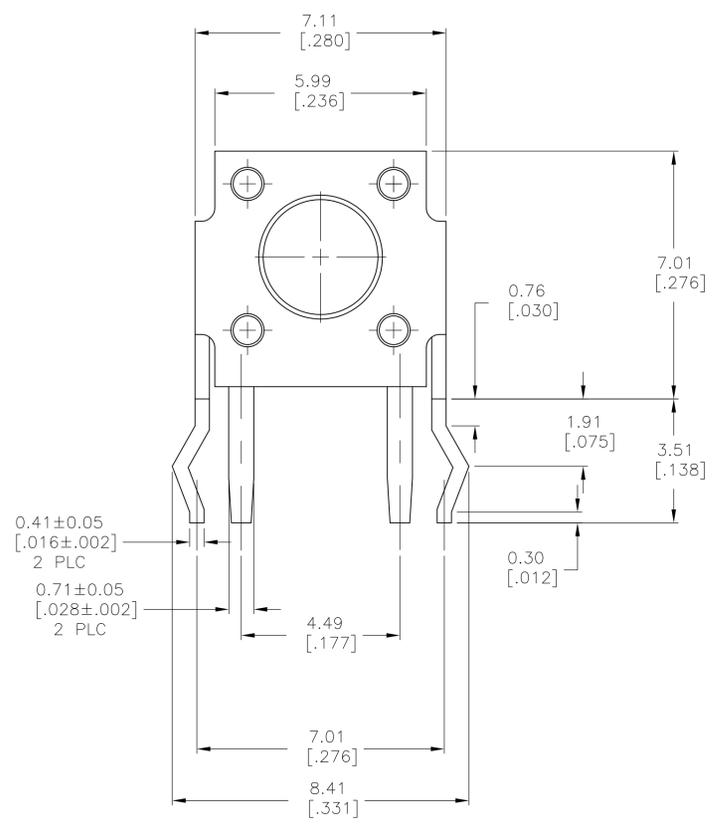


REVISONS		DATE	BY	APP'D
AD	00	07APR10	HMR	MW
B1	REVISED PER ECO-10-000076			



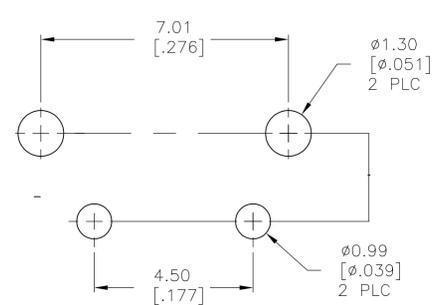
CASE: PPS, UL94V-0, BROWN
 FRAME/BACKET: STEEL, TIN OVER NICKEL
 ACTUATOR BUTTON: PPS OR PA6T (SEE TABLE), UL94V-0, COLOR SEE TABLE
 MOVING CONTACT: COPPER ALLOY, SILVER PLATE
 FIXED CONTACT/TERMINALS: COPPER ALLOY, SILVER OVER NICKEL PLATE

ELECTRICAL:
 MAX CONTACT RATING: 50MILLIAMPS@24V DC
 MIN CONTACT RATING: 10MICROAMPS@1V DC
 INITIAL CONTACT RESISTANCE: 50 MILLIOHMS MAX
 INSULATION RESISTANCE: 100 MEGOHMS @ 100 VDC MIN.
 DIELECTRIC STRENGTH: 500 VAC 50/60 Hz FOR 1 MINUTE
 LIFE EXPECTANCY: 100,000 CYCLES

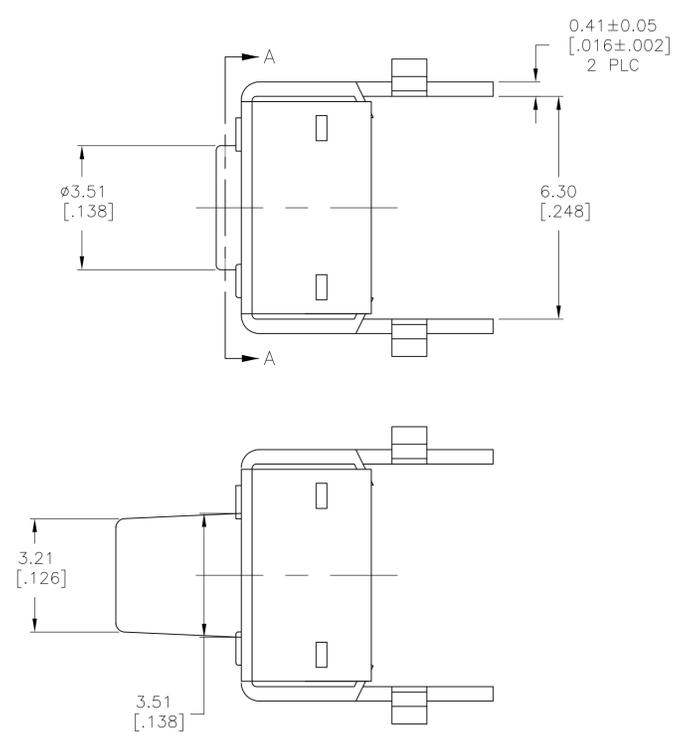
MECHANICAL:
 ACTUATION FORCE: SEE TABLE
 ACTUATION TRAVEL: .010±.008

ENVIRONMENTAL:
 OPERATING TEMPERATURE: -35°C TO +85°C
 STORAGE TEMPERATURE: -35°C TO +85°C
 SOLDER HEAT RESISTANCE PER 109-201 COND B
 SOLDERABILITY PER EIA-364-52 CLASS 1, CATEGORY 2

1 ALL MATERIALS AND FINISHES SHALL COMPLY WITH EH DIRECTIVE 2002/95/EC OF 27 JAN 2003 (ROHS)

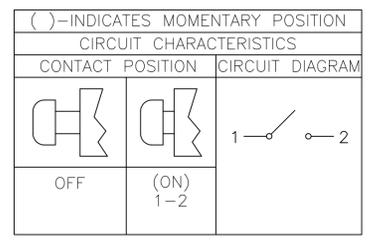


RECOMMENDED HOLE LAYOUT
 TOLERANCE ±.002 UNLESS OTHERWISE NOTED



FSMRA5J

	ACTUATOR MATL	ACTUATOR COLOR	ACTUATION FORCE	DIM L	DIM A	ALCO PIN	TE PIN
OBSOLETE	PA6T	WHITE	260 +/-50 GF	15.85 (.624)	13.25 (.522)	FSMRA8JHXA	2-1977177-4
	PPS	BLACK	160 +/-50 GF	15.85 (.624)	13.25 (.522)	FSMRA8JHX	2-1977177-3
	PPS	BROWN	100 +/-30 GF	15.85 (.624)	13.25 (.522)	FSMRA8JHXL	2-1977177-2
	PA6T	WHITE	260 +/-50 GF	11.85 (.467)	9.24 (.364)	FSMRA7JHXA	2-1977177-1
	PPS	BLACK	160 +/-50 GF	11.85 (.467)	9.24 (.364)	FSMRA7JHX	2-1977177-0
	PPS	BROWN	100 +/-30 GF	11.85 (.467)	9.24 (.364)	FSMRA7JHXL	1-1977177-9
	PA6T	WHITE	260 +/-50 GF	6.85 (.270)	4.24 (.167)	FSMRA6JHXA	1-1977177-8
	PPS	BLACK	160 +/-50 GF	6.85 (.270)	4.24 (.167)	FSMRA6JHX	1-1977177-7
	PPS	BROWN	100 +/-30 GF	6.85 (.270)	4.24 (.167)	FSMRA6JHXL	1-1977177-6
OBSOLETE	PA6T	WHITE	260 +/-50 GF	6.15 (.242)	3.55 (.140)	FSMRA5JHXA	1-1977177-5
OBSOLETE	PPS	BLACK	160 +/-50 GF	6.15 (.242)	3.55 (.140)	FSMRA5JHX	1-1977177-4
	PPS	BROWN	100 +/-30 GF	6.15 (.242)	3.55 (.140)	FSMRA5JHXL	1-1977177-3
	PA6T	WHITE	260 +/-50 GF	8.35 (.329)	5.74 (.226)	FSMRA4JHXA	1-1977177-2
	PPS	BLACK	160 +/-50 GF	8.35 (.329)	5.74 (.226)	FSMRA4JHX	1-1977177-1
OBSOLETE	PPS	BROWN	100 +/-30 GF	8.35 (.329)	5.74 (.226)	FSMRA4JHXL	1-1977177-0
	PA6T	WHITE	260 +/-50 GF	5.85 (.230)	3.25 (.128)	FSMRA3JHXA	1977177-9
	PPS	BLACK	160 +/-50 GF	5.85 (.230)	3.25 (.128)	FSMRA3JHX	1977177-8
	PPS	BROWN	100 +/-30 GF	5.85 (.230)	3.25 (.128)	FSMRA3JHXL	1-1977177-7
OBSOLETE	PPS	BROWN	100 +/-30 GF	5.85 (.230)	3.25 (.128)	FSMRA3JHXL	1-1977177-6
	PA6T	WHITE	260 +/-50 GF	3.86 (.152)	1.24 (.049)	FSMRA2JHXA	1977177-6
	PPS	BLACK	160 +/-50 GF	3.86 (.152)	1.24 (.049)	FSMRA2JHX	1977177-5
	PPS	BROWN	100 +/-30 GF	3.86 (.152)	1.24 (.049)	FSMRA2JHXL	1977177-4
	PA6T	WHITE	260 +/-50 GF	3.15 (.124)	0.56 (.022)	FSMRA1JHXA	1977177-3
	PPS	BLACK	160 +/-50 GF	3.15 (.124)	0.56 (.022)	FSMRA1JHX	1977177-2
	PPS	BROWN	100 +/-30 GF	3.15 (.124)	0.56 (.022)	FSMRA1JHXL	1977177-1



THIS DRAWING IS A CONTROLLED DOCUMENT. DIM M BINNER 14AUG07
 DIM M BINNER 14AUG07
 DIM M SARVER 14AUG07
 DIM M SARVER 14AUG07

TOLERANCES UNLESS OTHERWISE SPECIFIED:
 0 PLC ± -
 1 PLC ± -
 2 PLC ± 0.30(.012)
 3 PLC ± -
 4 PLC ± -
 ANGLES ± -

APPROVED: M. SARVER 14AUG07
 NAME: M. SARVER 14AUG07
 PRODUCT SPEC: 6MM R/A TACT SWITCH
 ULTRA HIGH TEMPERATURE SERIES

SIZE: A1
 CASE CODE: 00779
 DRAWING NO: 1977177
 RESTRICTED TO: -

MATERIAL: 1
 FINISH: -
 WEIGHT: -
 CUSTOMER DRAWING: -

SCALE: 10:1
 SHEET: 1 OF 1
 REV: B1

Mouser Electronics

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

TE Connectivity:

[1-1977177-0](#) [1-1977177-1](#) [1-1977177-2](#) [1-1977177-3](#) [1-1977177-4](#) [1-1977177-5](#) [1-1977177-7](#) [1-1977177-8](#) [1-1977177-9](#) [1977177-1](#) [1977177-2](#) [1977177-3](#) [1977177-4](#) [1977177-5](#) [1977177-6](#) [1977177-7](#) [1977177-8](#) [1977177-9](#)
[2-1977177-0](#) [2-1977177-1](#) [2-1977177-2](#) [2-1977177-3](#) [2-1977177-4](#)