

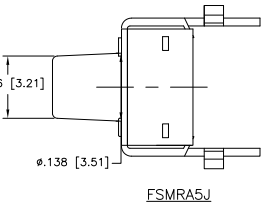
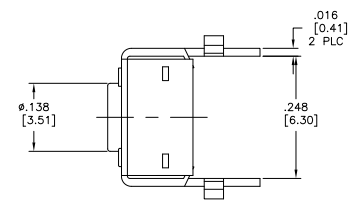
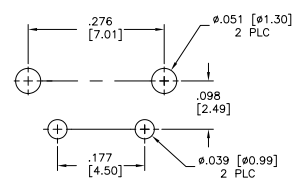
CASE: PPS, UL94V-0, BROWN
 FRAME/BACKET: STEEL, TIN OVER NICKEL
 ACTUATOR BUTTON: PBT OR NYLON 6/6 (SEE TABLE), UL94HB, COLOR SEE TABLE
 MOVING CONTACT: COPPER ALLOY, SILVER PLATE
 FIXED CONTACT/TERMINALS: COPPER ALLOY, SILVER OVER NICKEL PLATE

ELECTRICAL:
 MAX CONTACT RATING: 50MILLIAMPS@24V DC
 MIN CONTACT RATING: 10MICROAMPS@1V DC
 INITIAL CONTACT RESISTANCE: 100 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

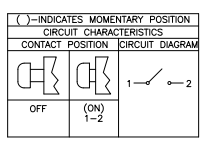
ENVIRONMENTAL:
 OPERATING TEMPERATURE: -35°C TO +85°C
 STORAGE TEMPERATURE: -35°C TO +85°C
 SOLDER HEAT RESISTANCE PER 109-201 COND B
 SOLDERABILITY PER EIA-364-52 CLASS 1, CATEGORY 2

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



FSMRA5J

RECOMMENDED HOLE LAYOUT
 TOLERANCE ±.002 UNLESS OTHERWISE NOTED



NYLON 6/6	RED	260 +/-50 GF	.624 (15.85)	.522 (13.25)	FSMRA5HA	2482927-4
NYLON 6/6	BLACK	160 +/-50 GF	.624 (15.85)	.522 (13.25)	FSMRA5BH	2482927-3
NYLON 6/6	BROWN	100 +/-30 GF	.624 (15.85)	.522 (13.25)	FSMRA5BL	2482927-2
NYLON 6/6	RED	260 +/-50 GF	.467 (11.85)	.364 (9.24)	FSMRA5HA	2482927-4
NYLON 6/6	BLACK	160 +/-50 GF	.467 (11.85)	.364 (9.24)	FSMRA5BH	2482927-3
NYLON 6/6	BROWN	100 +/-30 GF	.467 (11.85)	.364 (9.24)	FSMRA5BL	14825027-6
NYLON 6/6	RED	260 +/-50 GF	.270 (6.85)	.167 (4.24)	FSMRA5HA	14825027-4
NYLON 6/6	WHITE	160 +/-50 GF	.270 (6.85)	.167 (4.24)	FSMRA5WH	14825027-7
NYLON 6/6	BROWN	100 +/-30 GF	.270 (6.85)	.167 (4.24)	FSMRA5BL	14825027-6
NYLON 6/6	RED	260 +/-50 GF	.242 (6.15)	.140 (3.55)	FSMRA5HA	14825027-5
NYLON 6/6	IVORY	160 +/-50 GF	.242 (6.15)	.140 (3.55)	FSMRA5HI	14825027-4
NYLON 6/6	BROWN	100 +/-30 GF	.242 (6.15)	.140 (3.55)	FSMRA5BL	14825027-3
PBT	RED	260 +/-50 GF	.329 (8.35)	.226 (5.74)	FSMRA5HA	14825027-2
PBT	BLACK	160 +/-50 GF	.329 (8.35)	.226 (5.74)	FSMRA5BH	14825027-1
PBT	BROWN	100 +/-30 GF	.329 (8.35)	.226 (5.74)	FSMRA5BL	14825027-0
NYLON 6/6	RED	260 +/-50 GF	.230 (5.85)	.128 (3.25)	FSMRA5HA	1825027-9
NYLON 6/6	BLUE	160 +/-50 GF	.230 (5.85)	.128 (3.25)	FSMRA5BH	1825027-8
NYLON 6/6	BROWN	100 +/-30 GF	.230 (5.85)	.128 (3.25)	FSMRA5BL	1825027-7
PBT	RED	260 +/-50 GF	.152 (3.86)	.049 (1.24)	FSMRA5HA	1825027-6
PBT	BLACK	160 +/-50 GF	.152 (3.86)	.049 (1.24)	FSMRA5BH	1825027-5
PBT	BROWN	100 +/-30 GF	.152 (3.86)	.049 (1.24)	FSMRA5BL	1825027-4
PBT	RED	260 +/-50 GF	.124 (3.15)	.022 (0.56)	FSMRA5HA	1825027-3
PBT	BLACK	160 +/-50 GF	.124 (3.15)	.022 (0.56)	FSMRA5BH	1825027-2
PBT	BROWN	100 +/-30 GF	.124 (3.15)	.022 (0.56)	FSMRA5BL	1825027-1

THIS DRAWING IS A CONTROLLED DOCUMENT.		REVISED	SECRET	DATE	BY
DESIGNED	BY	DATE	BY	DATE	BY
CHECKED	BY	DATE	BY	DATE	BY
APPROVED	BY	DATE	BY	DATE	BY
CUSTOMER DRAWING		DATE	BY	DATE	BY

Micro-Minature Pushbutton Switch

Part Number: 1825027