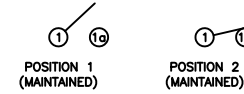


## SCHEMATIC



## SPECIFICATIONS

FUNCTION:  
1P1T OFF-ON

RATINGS:  
ANSI/UL 1054 and CAN/CSA C22.2 No. 55 (E194579):  
10A 125VAC [UR, cUR]

EN 61058-1:2002:  
6(2)A 250V~  $\mu$  1E4 T125/55 [ENEC14]

CONTACT RESISTANCE:  
Initial: 35m $\Omega$  Max. at 50VAC

INSULATION RESISTANCE:  
100M $\Omega$  Min. at 500VDC

DIELECTRIC STRENGTH:  
1,500VAC For 1 Minute

ELECTRICAL LIFE:  
6,000 Cycles [UR, cUR]  
10,000 Cycles [ENEC14]

TEMPERATURE:  
Operating: -20°C to 105°C [UR, cUR]  
Operating: -20°C to 125°C [ENEC14]

APPROVALS:

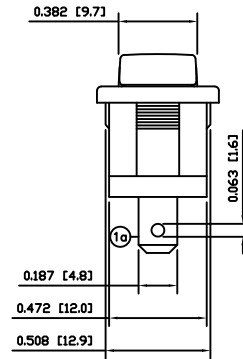
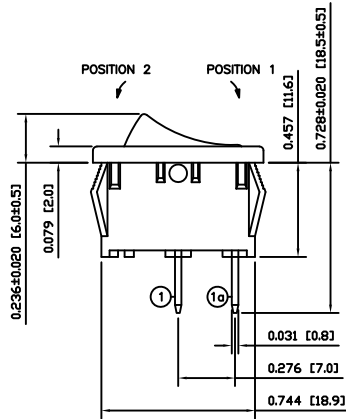
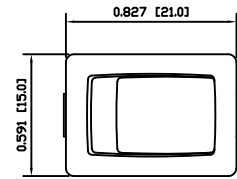


## COLORS AND MARKINGS

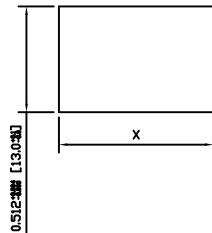
BODY:  
Black  
ACTUATOR:  
Black  
MARKINGS:  
None  
MARKING COLOR:  
None

## MATERIALS

BODY:  
Polyamide 6/6 (PA66), UL94 V-2  
ACTUATOR:  
Polyamide 6/6 (PA66), UL94 V-2  
SPRING:  
Steel  
BALL:  
Steel  
MOBILE CONTACT:  
Silver Alloy  
CONTACTS:  
Silver Alloy  
TERMINALS:  
Silver Plated Copper



## SUGGESTED PANEL CUTOUT



| PANEL THICKNESS         | X            |
|-------------------------|--------------|
| 0.030~0.049 [0.75~1.25] | 0.756 [19.2] |
| 0.049~0.079 [1.25~2.00] | 0.764 [19.4] |
| 0.079~0.118 [2.00~3.00] | 0.772 [19.6] |

|                |      |          |     |
|----------------|------|----------|-----|
| ACTUATOR       | A    | 09/05/04 | CAB |
| BODY           | A    | 09/05/04 | CAB |
| COLORS         | A    | 09/05/04 | CAB |
| MATERIALS      | A    | 09/05/04 | CAB |
| SPECIFICATIONS | B    | 09/08/13 | CAB |
| REFERENCE      | REV. | DATE     | BY  |

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|      |                      |       |          |          |
|------|----------------------|-------|----------|----------|
| B    | REMOVED SEMKO RATING | 23425 | 06/28/10 | MJR      |
| A    | INITIAL RELEASE      | 19776 | 11/03/21 | CAB      |
| REV. | DESCRIPTION          | PCR   | DATE     | DRAWN BY |

|                    |                      |
|--------------------|----------------------|
| DIMENSIONS         | INCHES [MILLIMETERS] |
| GENERAL TOLERANCES | ±0.008 [±0.2] / ±1'  |
| SCALE              | DRAWING NOT TO SCALE |

|                              |                        |
|------------------------------|------------------------|
|                              |                        |
| TITLE<br>RA11131100          |                        |
| ITEM NUMBER<br>38-RA11131100 | DATE<br>MARCH 21, 2011 |
| REVISION<br>B                |                        |

# Mouser Electronics

Authorized Distributor

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