

A

B

C

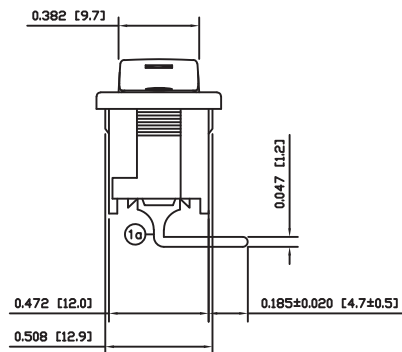
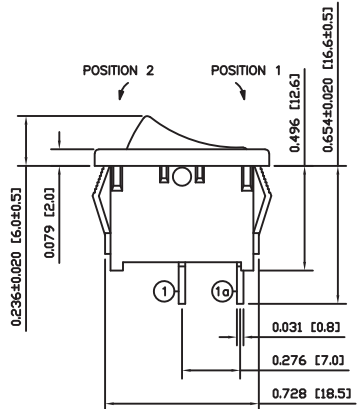
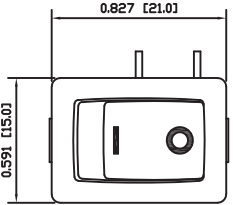
D

A

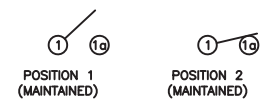
B

C

D



SCHEMATIC



SPECIFICATIONS

FUNCTION:
1P1T OFF-ON

RATINGS:
ANSI/UL 1054 and CAN/CSA C22.2 No. 55 (E194579):
16A 125VAC [UR, cUR]
10A 250VAC [UR, cUR]
1/3HP 125/250VAC [UR, cUR]

CONTACT RESISTANCE:
Initial: 35mΩ Max. at 50VAC

INSULATION RESISTANCE:
100MΩ Min. at 500VDC

DIELECTRIC STRENGTH:
1,500VAC For 1 Minute

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

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

APPROVALS:



COLORS AND MARKINGS

BODY:
Black

ACTUATOR:
Black

MARKINGS:
I/O Horizontal (R)

MARKING COLOR:
White

MATERIALS

BODY:
Polyamide 6/6 (PA66), UL94 V-2

ACTUATOR:
Polyamide 6/6 (PA66), UL94 V-2

SPRING:
Steel

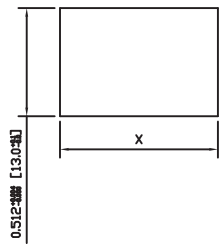
BALL:
Steel

MOBILE CONTACT:
Silver Alloy

CONTACTS:
Silver Alloy

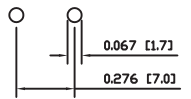
TERMINALS:
Silver Plated Copper

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]

SUGGESTED PCB CUTOUT



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

THE INFORMATION CONTAINED IN THIS DOCUMENT IS PROPRIETARY TO E-SWITCH-LAMB INDUSTRIES AND IS NOT TO BE COPIED OR TRANSFERRED

C	REMOVE VDE/ENEC RATING AND LOGO	100450	01/07/2022	JS
B	REMOVED SEMKO RATING	23426	06/28/18	MJR
A	INITIAL RELEASE	18773	10/01/14	CAB
REV.	DESCRIPTION	PCR	DATE	DRAWN BY

DIMENSIONS	
INCHES	[MILLIMETERS]
GENERAL TOLERANCES	
±0.008 [±0.2] / ±1"	
SCALE	DRAWING NOT TO SCALE
PROJECTION	

OBJECT ID: 000001422

E-SWITCH[®] LAMB INDUSTRIES

RA1H1C112R

DRAWING NUMBER	DATE	REVISION
38-RA1H1C112R	JANUARY 14, 2010	C