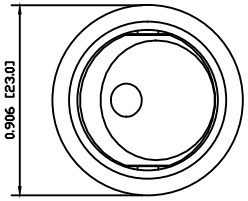
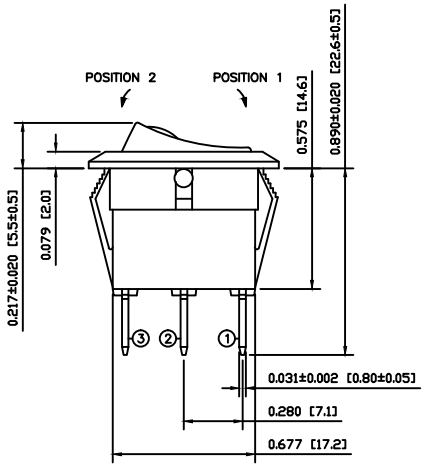
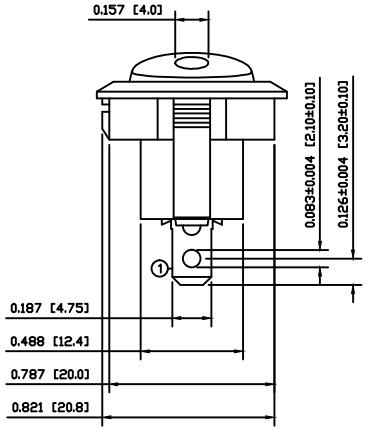
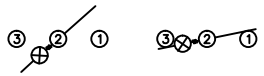
SHEET 1 OF 1







SCHEMATIC



POSITION 1 (MAINTAINED)

POSITION 2 (MAINTAINED)

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:
6A 250V~ μ 1E4 T85/55 [ENEC14, SEMKO]

ILLUMINATION VOLTAGE:
12V

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]
10,000 Cycles [ENEC14, SEMKO]

TEMPERATURE:
Operating: –20°C to 105°C [UR, cUR]
Operating: –20°C to 85°C [ENEC14, SEMKO]

APPROVALS:

RoHS COMPLIANT

COLORS AND MARKINGS

BODY:
Black

ACTUATOR:
Black

LENS:
Transparent Red

MARKINGS:
None

MARKING COLOR:
None

MATERIALS

BODY:
Polyamide 6/6 (PA66), UL94 V–2

ACTUATOR:
Polyamide 6/6 (PA66), UL94 V–2
Polycarbonate (PC), UL94 V–2

LAMP CARRIER:
Polyamide 6/6 (PA66), UL94 V–2

LAMP:
LED

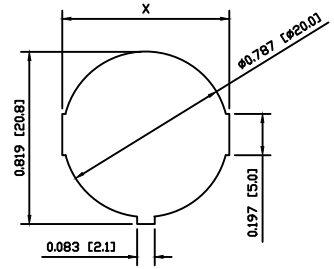
SPRING:
Steel

SPRING COVER:
Steel

CONTACTS:
Silver Alloy Plated Copper

TERMINALS:
Silver Plated Copper
Brass

SUGGESTED PANEL CUTOUT



PANEL THICKNESS	X
0.030~0.049 [0.75~1.25]	0.795 [20.2]
0.049~0.079 [1.25~2.00]	0.803 [20.4]
0.079~0.118 [2.00~3.00]	0.811 [20.6]

REFERANCE	REV.	DATE	BY
ACTUATOR	A	09/08/10	CAB
BODY	B	10/03/31	CAB
COLORS	A	09/08/10	CAB
MATERIALS	–	–	–
SPECIFICATIONS	A	09/08/10	CAB

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

REV.	DESCRIPTION	PCR	DATE	DRAWN BY
C	update Lamp to LED	22682	1/19/2017	MW
B	CORRECTED POSITION OF ANTI–ROTATION RIB	20425	12/01/25	CAB
A	INITIAL RELEASE	PCR00218	09/11/25	CAB

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

E•SWITCH®

TITLE: RR18131100–214

ITEM NUMBER	DATE	REVISION
38–RR18131100214	MARCH 31, 2010	C