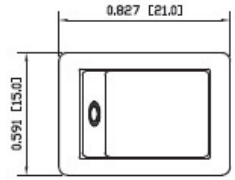
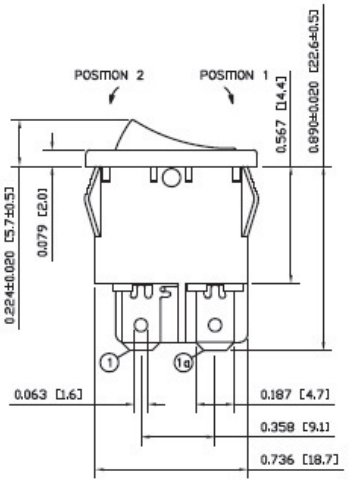
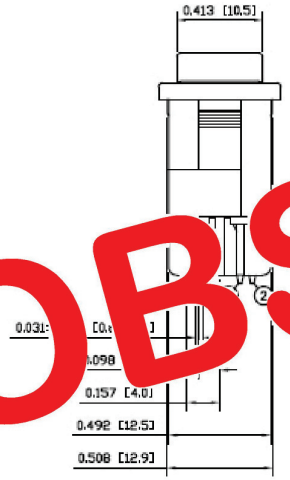
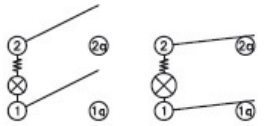
SHEET 1 OF 1







SCHEMATIC



POSITION 1 (MAINTAINED)

POSITION 2 (MAINTAINED)

SPECIFICATIONS

FUNCTION:
2P1T 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~ μ 1E4 T125/55 [ENEC14, SEMKO]

ILLUMINATION VOLTAGE:
250V

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 125°C [ENEC14, SEMKO]

APPROVALS:

RoHS COMPLIANT

OBSOLETE
April 2018
PCR 23332

COLORS AND MARKINGS

BODY:
Black

ACTUATOR:
Transparent Green

MARKINGS:
O Showing When Off (0)

MARKING COLOR:
White

MATERIALS

BODY:
Polyamide 6/6 (PA66), UL94 V–2

ACTUATOR:
Polycarbonate (PC), UL94 V–2

LAMP:
Neon Bulb

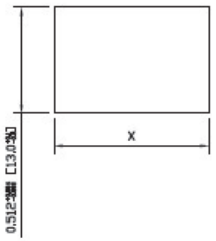
RESISTOR:
Carbon Film Resistor

MOBILE CONTACT:
Silver Plated Copper

CONTACTS:
Silver Alloy

TERMINALS:
Silver Plated Copper
Silver Plated Brass

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]

REFERANCE	REV.	DATE	BY
ACTUATOR	A	09/07/30	CAB
BODY	A	09/07/30	CAB
COLORS	A	09/11/17	CAB
MATERIALS	A	09/07/30	CAB
SPECIFICATIONS	A	09/07/30	CAB

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REV.	DESCRIPTION	PCR	DATE	DRAWN BY
A	INITIAL RELEASE	19441	10/11/11	CAB

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

E•SWITCH® | LAMB INDUSTRIES

TITLE: RA812C1028–136

ITEM NUMBER: 38–RA812C1028136
DATE: NOVEMBER 11, 2010
REVISION: A