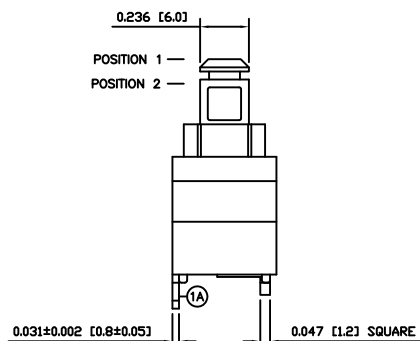
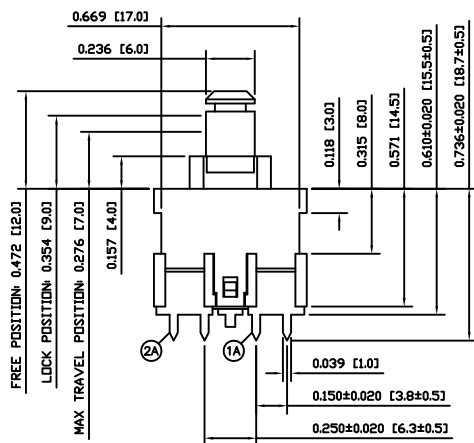
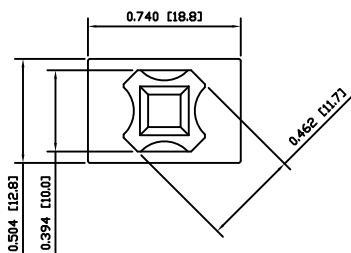
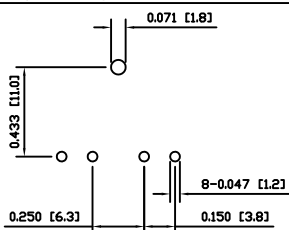
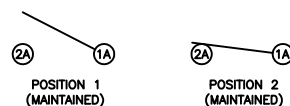




SUGGESTED PCB LAYOUT



SCHEMATIC



SPECIFICATIONS

FUNCTION:
1P1T OFF-ON

RATINGS:
ANSI/UL 1054 and CAN/CSA C22.2 No. 55 (E194579):
16A 125VAC [cURus]
16A 250VAC [cURus]

CAN/CSA C22.2 No. 55 (233821):
16A 125VAC [CSA]
16A 250VAC [CSA]

DIN 61058-1/VDE 0630-1:2008-09 and EN 61058-1:2002+A2:2008 (40011301):
16(4)A 250~ 1E4 T125/55 [VDE]

CONTACT RESISTANCE:
Initial: 20mΩ Max.

INSULATION RESISTANCE:
100MΩ Min. at 500VDC

DIELECTRIC STRENGTH:
1,000VAC For 1 Minute

ELECTRICAL LIFE:
6,000 Cycles [cURus, CSA]
10,000 Cycles [VDE]

TEMPERATURE:
Operating: -20°C to 85°C [cURus, CSA]
Operating: -20°C to 125°C [VDE]

OPERATING FORCE:
500±200gf

APPROVALS:



MATERIALS

ACTUATOR:
Polybutylene Terephthalate (PBT), UL94 V-2

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

BASE:
Polybutylene Terephthalate (PBT), UL94 V-2

CONTACTS:
Silver Alloy

TERMINALS:
Silver Plated Copper

ACTUATOR	A	09/06/30	CAB
BODY	A	09/06/30	CAB
MATERIALS	A	09/06/30	CAB
SPECIFICATIONS	A	09/06/30	CAB
REFERENCE	REV.	DATE	BY

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

A	INITIAL RELEASE	PCRD0020	09/06/30	CAB
REV.	DESCRIPTION	PCR	DATE	DRAWN BY

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

E-SWITCH	LAMB INDUSTRIES
PA541C	
DRAWING NUMBER	14-PA541C
DATE	JUNE 30, 2009
REVISION	A