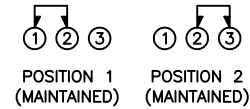


## SCHEMATIC



## SPECIFICATIONS

FUNCTION:  
1P2T ON-ON

RATINGS:  
0.5A 50VDC

CONTACT RESISTANCE:  
Initial: 30m $\Omega$  Max.

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

DIELECTRIC STRENGTH:  
500VAC For 1 Minute

ELECTRICAL LIFE:  
10,000 Cycles

APPROVALS:

**RoHS LEAD FREE**  
COMPLIANT PROCESS COMPATIBLE

## MATERIALS

UPPER BODY:  
Nickel Plated Cold Rolled Steel (SPCC-SD)

LOWER BODY:  
Penolic Board (SD-102C), UL94 HB

ACTUATOR:  
Polyoxymethylene (POM)  
(TYSTRON POM7520), UL94 HB

SPRING:  
Steel

CONTACT:  
Silver Plated Brass (C2680R)

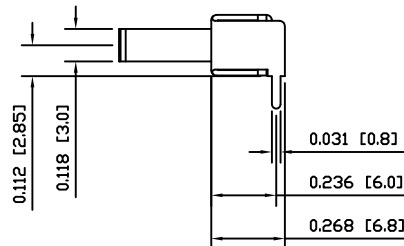
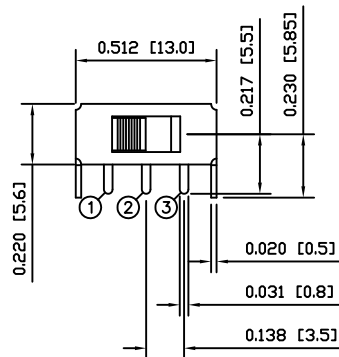
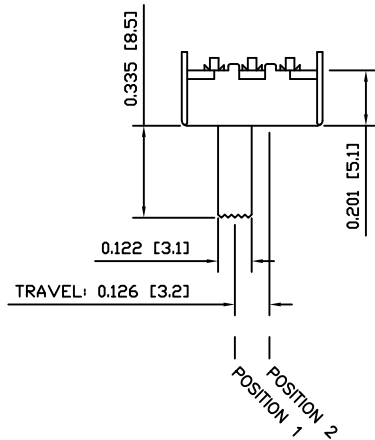
TERMINALS:  
Silver Plated Brass (C2680R)

OTHER:  
Red Terminal Sealant (AKS881R)

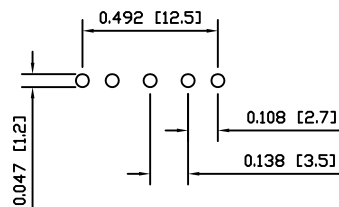
## COLORS

BODY:  
Metallic

ACTUATOR:  
Black



## SUGGESTED PCB LAYOUT



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

A  
REV.

INITIAL RELEASE  
DESCRIPTION

PCRD0148  
PCR

09/10/028  
DATE

CAB  
DRAWN BY

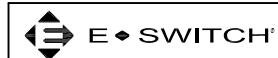
DIMENSIONS  
INCHES [MILLIMETERS]  
GENERAL TOLERANCES  
 $\pm 0.008$  [ $\pm 0.2$ ] /  $\pm 1^\circ$   
SCALE  
DRAWING NOT TO SCALE

PROJECTION  
FIRST ANGLE

DRAWING NUMBER  
03-LSS120701B85

DATE  
OCTOBER 8, 2009

REVISION  
A



LSS-120701B8.5