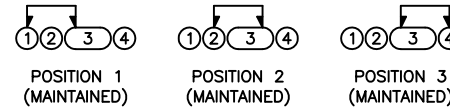


## SCHEMATIC



## SPECIFICATIONS

FUNCTION:  
1P3T ON-ON-ON  
SHORTING

RATINGS:  
0.5A 50VDC

OPERATING FORCE:  
350±200gf

CONTACT RESISTANCE:  
Initial: 30mΩ Max.

INSULATION RESISTANCE:  
500MΩ Min. at 500VDC

DIELECTRIC STRENGTH:  
500VAC For 1 Minute

ELECTRICAL LIFE:  
10,000 Cycles

TEMPERATURE:  
Operating: -10°C to 60°C

APPROVALS:

**RoHS LEAD FREE**  
COMPLIANT PROCESS COMPATIBLE

## MATERIALS

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

LOWER BODY:  
Penolic Board, UL94 HB

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

SPRING:  
Steel

CONTACT:  
Silver Plated Phosphor Bronze (C5191R)

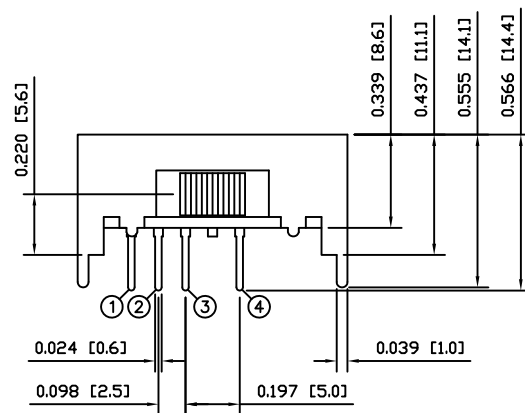
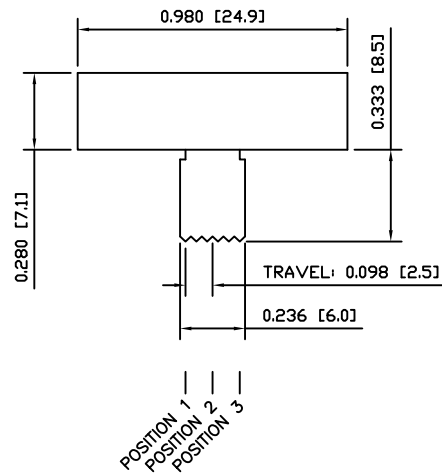
TERMINALS:  
Silver Plated Brass (C2680R)

OTHER:  
Red Terminal Sealant (AKS881R)

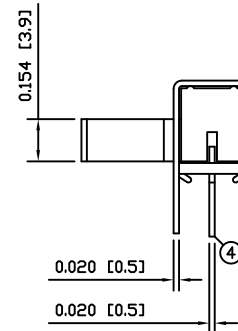
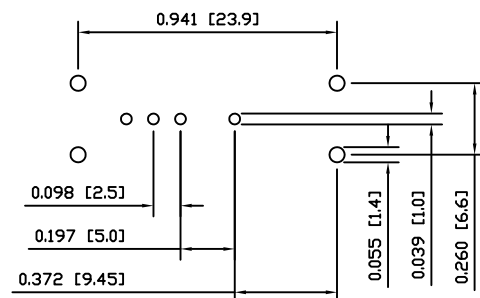
## COLORS

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

19382  
POR

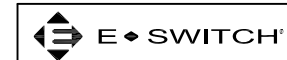
10/10/27  
DATE

CAB  
DRAWN BY

DIMENSIONS  
INCHES [MILLIMETERS]  
GENERAL TOLERANCES  
±0.008 [±0.2] / ±1°

SCALE  
DRAWING NOT TO SCALE

PROJECTION  
FIRST ANGLE



SK-13E03-G(A)8.5

ITEM NUMBER  
03-SK13E03GA85

DATE  
OCTOBER 27, 2010

REVISION  
A