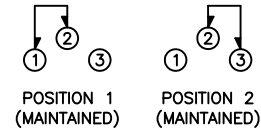


SCHEMATIC



SPECIFICATIONS

FUNCTION:
1P2T ON-ON

RATINGS:
0.5A 50VDC

OPERATING FORCE:
300±100gf

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:
Phenolic Board (SD-168C), UL94 HB

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

SPRING:
Steel

CONTACT:
Silver Plated Copper (C1100R)

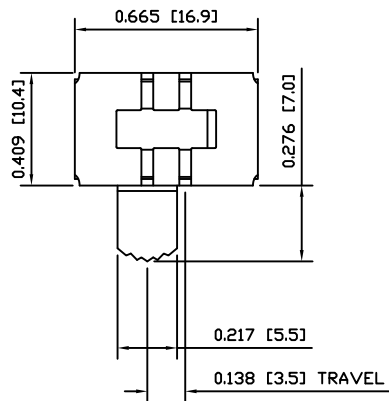
TERMINALS:
Silver Plated Brass (C2680R)

OTHER:
Red Terminal Sealant (AKS881R)

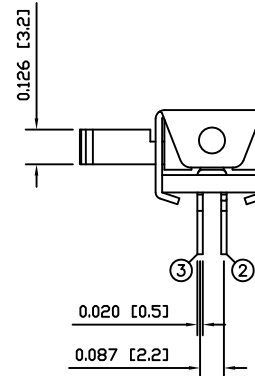
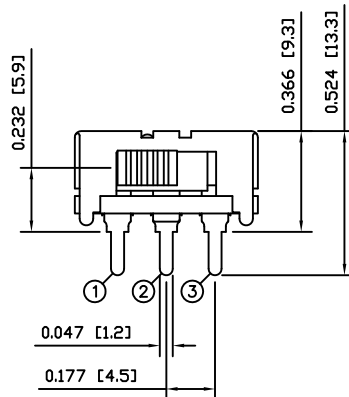
COLORS

BODY:
Metallic

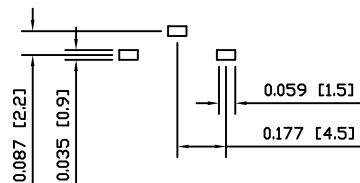
ACTUATOR:
Black



POSITION 1
POSITION 2



SUGGESTED PCB LAYOUT



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

B	CORRECTED BASE MATERIAL AND CONTACT MATERIAL	19914	11/05/05	CAB
A	INITIAL RELEASE	19484	10/11/30	CAB
REV.	DESCRIPTION	PCR	DATE	DRAWN BY

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

TITLE SK-12G01-G7	
ITEM NUMBER 03-SK12G01G7	DATE MAY 5, 2011
REVISION B	