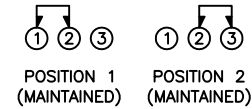


SCHEMATIC



SPECIFICATIONS

FUNCTION:
1P2T ON-ON

RATINGS:
0.5A 50VDC

CONTACT RESISTANCE:
Initial: 30mΩ Max.

INSULATION RESISTANCE:
500MΩ 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)

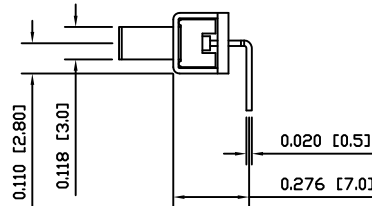
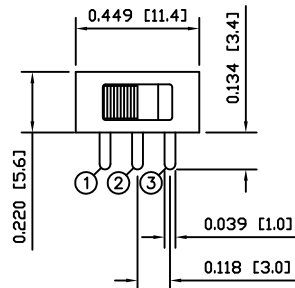
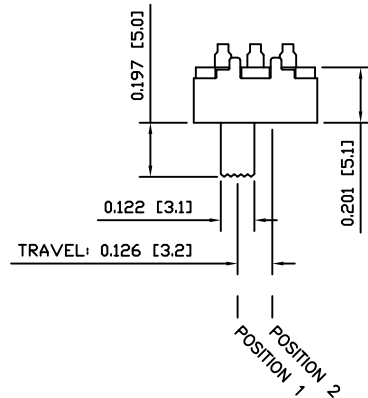
TERMINALS:
Silver Plated Brass (C2680R)

OTHER:
Red Terminal Sealant (AKS881R)

COLORS

BODY:
Metallic

ACTUATOR:
Black



SUGGESTED PCB LAYOUT



E-SWITCH



SS-12F20-G(A)5

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

A
REV.

INITIAL RELEASE
DESCRIPTION

PCRD0143
PCR

09/10/05
DATE

CAB
DRAWN BY

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

SCALE
DRAWING NOT TO SCALE

PROJECTION
FIRST ANGLE

DRAWING NUMBER
03-SS12F20GA5

DATE
OCTOBER 5, 2009

REVISION
A