

SPECIFICATIONS

FUNCTION:
1P2T ON-ON

RATINGS:
0.5A 50VDC

OPERATING FORCE:
300±100gf

CONTACT RESISTANCE:
Initial: 30mΩ Max.

INSULATION RESISTANCE:
500MΩ Min. at 500VDC

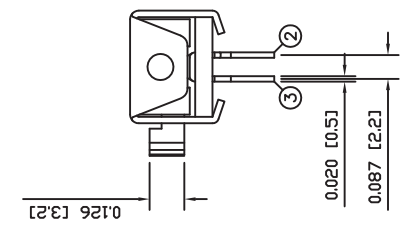
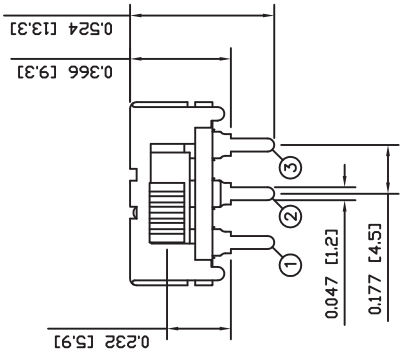
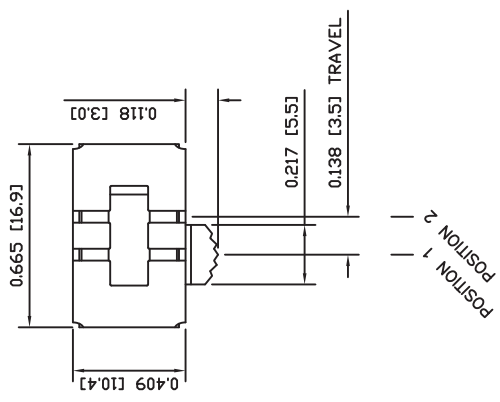
DIELECTRIC STRENGTH:
500VAC For 1 Minute

ELECTRICAL LIFE:
10,000 Cycles

TEMPERATURE:
Operating: -10°C to 60°C

APPROVALS:
RoHS COMPLIANT
LEAD FREE
PROCESS COMPATIBLE

SCHEMATIC



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

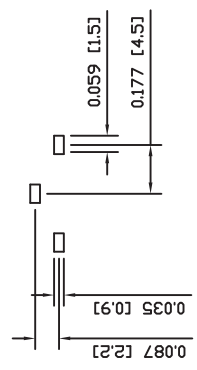
SPRING:
Steel

CONTACT:
Silver Plated Copper (C1100R)

TERMINALS:
Silver Plated Brass (C2680R)

OTHER:
Red Terminal Sealant (AKS881R)

SUGGESTED PCB LAYOUT



SK-12G01-G3

REVISION B	DATE	MAY 5, 2011
TEST NUMBER	03-SK12G01G3	

TITLE	SK-12G01-G3
PRODUCTION	
DRAWING NOT TO SCALE	
SCALE	±0.008 [+0.2] / ±1°
GENERAL TOLERANCES	
DIMENSIONS [MILLIMETERS]	

REV.	A	B	DATE	10/03/10	11/05/05
DESCRIPTION	INITIAL RELEASE	MATERIAL AND CONTACT MATERIAL	18035	18035	18014
DRAWN BY			PCB	CAB	CAB

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