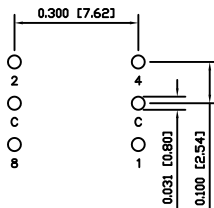


SUGGESTED PCB LAYOUT



**PACKAGING**  
 PACKAGING TYPE:  
 Tube  
 TUBE QUANTITY:  
 48 Pieces

**SCHEMATIC**

POSITION	TERMINAL			
	1	2	4	8
0				
1	●			
2		●		
3	●	●		
4			●	
5	●	●	●	
6		●	●	
7	●	●	●	
8				●
9	●			●

● CLOSED (Connected to C)

**SPECIFICATIONS**

**FUNCTION:**  
 1 Pole, 10 Positions

**RATINGS:**  
 Switching: 100mA 5VDC  
 Steady: 100mA 50VDC

**OPERATING TORQUE:**  
 400gf cm Max.

**CONTACT RESISTANCE:**  
 Initial: 100mΩ Max.

**INSULATION RESISTANCE:**  
 100MΩ Max. at 250VDC

**DIELECTRIC STRENGTH:**  
 250VAC For 1 Minute

**ELECTRICAL LIFE:**  
 10,000 Steps

**SHOCK RESISTANCE:**  
 Mil-Std. 202F, Method 213B, Condition A  
 Gravity: 50G  
 Direction: 6 Sides  
 Times: 3 Each Direction

**VIBRATION RESISTANCE:**  
 Mil-Std. 202, Method 204C, Condition B  
 Frequency: 10~2,000Hz  
 Amplitude: 1.52mm  
 Direction: X, Y, Z  
 Time: 2 Hours Each Direction

**TEMPERATURE:**  
 Operating: -10°C to 60°C  
 Storage: -55°C to 85°C

**APPROVALS:**  
**RoHS LEAD FREE**  
 COMPLIANT PROCESS COMPATIBLE

**COLORS**

**BODY:**  
 Black  
**ACTUATOR:**  
 White

**MATERIALS**

**BASE:**  
 Polyphenylene Sulfide (PPS)

**COVER:**  
 Polyphenylene Sulfide (PPS)

**ACTUATOR:**  
 Polyacetal

**CIRCUIT BOARD:**  
 Glass Fabric Base Epoxy Resin  
 Gold Over Nickel Plating

**O-RING:**  
 Nitrile Butadiene Rubber (NBR)

**CONTACTS:**  
 Gold Over Nickel Plated Phosphor Bronze

**TERMINALS:**  
 Gold Over Nickel Plated Phosphor Bronze

REV.	DATE	BY
A	10/01/19	CAB
A	10/01/19	CAB
A	10/01/19	CAB
A	10/01/19	CAB
A	10/01/19	CAB

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

REV.	DESCRIPTION	DATE	DRAWN BY
PA1	PROPOSED DESIGN	10/01/18	CAB
REV.	DESCRIPTION	DATE	DRAWN BY

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

## SRK-10

DRAWING NUMBER	DATE	REVISION
04-SRK10	JANUARY 18, 2010	A