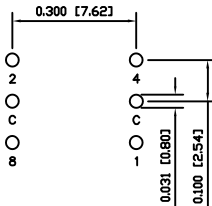


SUGGESTED PCB LAYOUT



OBSOLETE  
Jan. 2016  
PCR 22138

**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

ACTUATOR	A	10/01/19	CAB
BODY	A	10/01/19	CAB
MATERIALS	A	10/01/19	CAB
PACKAGING	A	10/01/19	CAB
SPECIFICATIONS	A	10/01/19	CAB
REFERENCE	REV.	DATE	BY

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

PA1	PROPOSED DESIGN	18793	10/01/18	CAB
REV.	DESCRIPTION	PCR	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