

A

B

C

D

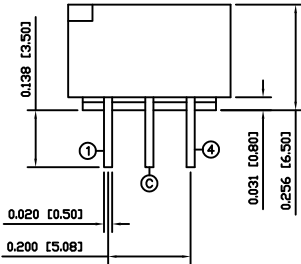
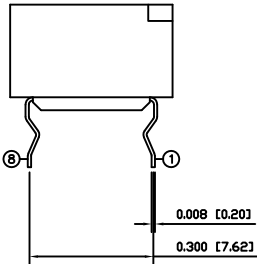
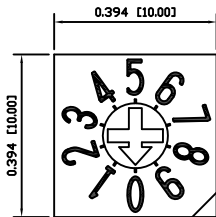
A

B

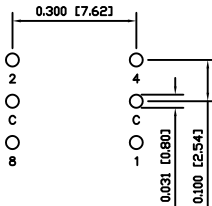
C

D

SHEET 1 OF 1



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

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	DRAWING NOT TO SCALE
PROJECTION	1ST ANGLE

SRK-10

DRAWING NUMBER: 04-SRK10

DATE: JANUARY 18, 2010

REVISION: A