



SUGGESTED PCB LAYOUT

PACKAGING
Tape and Reel
TUBE QUANTITY:
1000 Pieces

SCHEMATIC

POSITION	1	2	4	8
0				
1	●			
2		●		
3	●			
4		●		
5	●			
6		●		
7	●			
8		●		
9	●			
A		●		
B	●			
C		●		
D	●			
E		●		
F	●			

● CLOSED (Connected to C)

SPECIFICATIONS

FUNCTION:
1 Pole, 16 Positions
Reel Code

RATINGS:
Switching: 100mA 5VDC and 30mA 15VDC
Steady: 100mA 50VDC
Minimum: 1µA 20mVDC

OPERATING TORQUE:
300gf cm Max.

CONTACT RESISTANCE:
Initial: 100mΩ Max. at 1.5mA 200µVAC

INSULATION RESISTANCE:
100MΩ Min. at 250VDC

DIELECTRIC STRENGTH:
250VAC For 1 Minute

ELECTRICAL LIFE:
10,000 Steps

TEMPERATURE:
Operating: -10°C to 60°C
Storage: -10°C to 60°C

APPROVALS:
ROHS LEAD FREE
COMPLIANT PROCESS COMPATIBLE

COLORS

BASE:
Black
ACTUATOR:
Orange

MATERIALS

BASE:
Polyphenylene Sulfide (PPS)
COVER:
Polyphenylene Sulfide (PPS)
ACTUATOR:
Polyamide (PA)
PLATE SPRINGS:
Stainless Steel
CIRCUIT BOARD:
Glass Fabric Base Epoxy Resin
Gold Over Nickel Plating
CONTACTS:
Gold Over Nickel Plated Phosphor Bronze
TERMINALS:
Gold Over Nickel Plated Phosphor Bronze
SEALING TAPE:
Polyimide

DATE	REV.	BY
10/09/23	A	CAB
10/09/23	A	CAB
10/09/23	A	CAB

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

REV. A

INITIAL RELEASE DESCRIPTION

21111 FOR DATE DRAWN BY

SCALE

DRAWING NOT TO SCALE

PROJECTION

TED NUMBER

04-SRM16TTR

DATE

APRIL 25, 2013

REVISION

A



SRM-16TTR