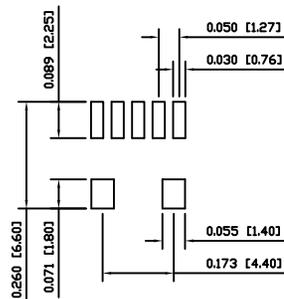


SUGGESTED PCB LAYOUT



SCHEMATIC

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

● CLOSED (Connected to C)

SPECIFICATIONS

**FUNCTION:**  
1P10T

**RATINGS:**  
Switching: 25mA 24VDC  
Steady: 100mA 50VDC

**OPERATING FORCE:**  
200gfcm

**CONTACT RESISTANCE:**  
Initial: 100mΩ Max.  
After Life: 200mΩ Max.

**INSULATION RESISTANCE:**  
100MΩ Min. at 100VDC

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

**CAPACITANCE:**  
5pF Max.

**SHOCK RESISTANCE:**  
Mil-Std. 202F, Method 213B  
Gravity: 50G, 11msec.  
Direction: 6 Sides  
Times: 3 Each Direction

**VIBRATION RESISTANCE:**  
Mil-Std. 202F, Method 201A  
Frequency: 10-55-10Hz/1 Minute  
Direction: X, Y, Z  
Time: 2 Hours Each Direction

**ELECTRICAL LIFE:**  
10,000 Steps

**TEMPERATURE:**  
Storage: -40°C to 85°C  
Operation: -30°C to 80°C

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

COLORS

ACTUATOR:  
White

MARKING COLOR:  
Black

PACKAGING

PACKAGING TYPE:  
Tube

TUBE QUANTITY:  
65 Pieces

MATERIALS

BASE:  
High-Temp Thermoplastic Nylon, UL94 V-0

COVER:  
Nickel Silver

ACTUATOR:  
High-Temp Thermoplastic Nylon, UL94 V-0

INNER SEAL:  
Silicone Rubber

OUTER SEAL:  
Silicone Rubber

SPRING PLATE:  
Steel

CONTACT PLATE:  
Stainless Steel

CONTACTS:  
Gold Over Nickel Plated Copper Alloy

TERMINALS:  
Gold Plated Brass

ACTUATOR	B	09/07/23	CAB
BODY	A	09/07/14	CAB
MATERIALS	A	09/07/14	CAB
PACKAGING	A	09/07/14	CAB
SPECIFICATIONS	A	09/07/14	CAB
REFERENCE	REV.	DATE	BY

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

B	ACTUATOR MARKING SLIGHTLY ALTERED	PCRD0048	09/07/23	CAB
A	INITIAL RELEASE	NA	NA	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

DR75-AMSF-10R-B			
DRAWING NUMBER	DATE	REVISION	
06-DR75AMSF10RB	JULY 23, 2009	B	

# Mouser Electronics

Authorized Distributor

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