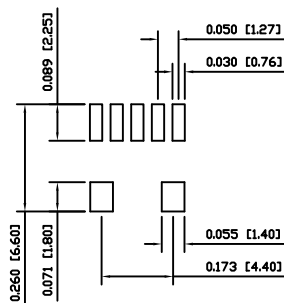


SUGGESTED PCB LAYOUT



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:
Tape and Reel

REEL QUANTITY:
750 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

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A	INITIAL RELEASE	PCRD0133	09/09/28	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-TR

DRAWING NUMBER	DATE	REVISION
06-DR75AMSF10RTR	SEPTEMBER 28, 2009	A

Mouser Electronics

Authorized Distributor

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