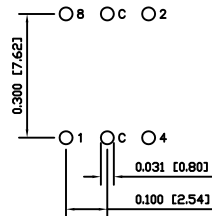


SUGGESTED PCB LAYOUT



**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:**  
 1P10T

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

**OPERATING FORCE:**  
 400gfcm

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

**INSULATION RESISTANCE:**  
 100MΩ Min. at 250VDC

**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  
 High Reliability

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

**ELECTRICAL LIFE:**  
 20,000 Steps

**TEMPERATURE:**  
 Storage: -40°C to 85°C  
 Operation: -25°C to 80°C

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

**COLORS**

**BODY:**  
 Black

**ACTUATOR:**  
 White

**MARKING COLOR:**  
 White

**MATERIALS**

**BASE:**  
 Polyamide 9T (PA9T), UL94 V-0

**COVER:**  
 Polyamide 9T (PA9T), UL94 V-0

**ACTUATOR:**  
 Liquid Crystal Polymer (LCP), UL94 V-0

**SPRINGS:**  
 Stainless Steel

**CONTACTS:**  
 Gold Over Nickel Plated Phosphor Bronze

**TERMINALS:**  
 Gold Over Nickel Plated Brass

ACTUATOR	A	09/11/16	CAB
BODY	A	09/11/16	CAB
MATERIALS	A	09/11/16	CAB
PACKAGING	A	09/11/16	CAB
SPECIFICATIONS	B	10/04/07	CAB
REFERENCE	REV.	DATE	BY

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A	INITIAL RELEASE	19381	10/10/22	CAB
REV.	DESCRIPTION	PCR	DATE	DRAWN BY

DIMENSIONS	
INCHES [MILLIMETERS]	
GENERAL TOLERANCES	
±0.008 [±0.2] / ±1'	
SCALE	PROJECTION
DRAWING NOT TO SCALE	1st Angle

DR3-10R-B			
TITLE	ITEM NUMBER	DATE	REVISION
	06-DR310RB	OCTOBER 22, 2010	A