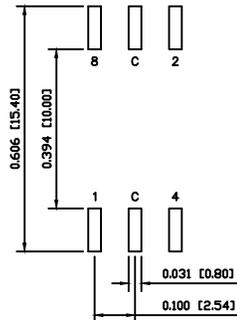


SUGGESTED PCB LAYOUT



ACTUATOR	A	09/11/18	CAB
BODY	A	09/11/18	CAB
MATERIALS	A	09/11/18	CAB
PACKAGING	A	09/11/18	CAB
SPECIFICATIONS	B	10/04/07	CAB
REFERENCE	REV.	DATE	BY

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

A

RELEASE FOR PRODUCTION

22423

8/2/16

MW

DIMENSIONS  
INCHES [MILLIMETERS]  
GENERAL TOLERANCES  
±0.008 [±0.2] / ±1'

SCALE  
DRAWING NOT TO SCALE

PROJECTION

DRAWING NUMBER

06-DR3M10RB

DATE

8/2/16

REVISION

A

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 COMPLIANT LEAD FREE  
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



DR3M10RB