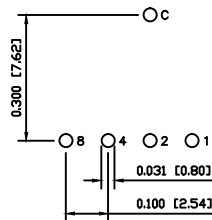


SUGGESTED PCB LAYOUT



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:

400gfm

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:
BlackACTUATOR:
WhiteMARKING COLOR:
White

MATERIALS

BASE:
Polyamide 9T (PA9T), UL94 V–0COVER:
Polyamide 9T (PA9T), UL94 V–0ACTUATOR:
Liquid Crystal Polymer (LCP), UL94 V–0SPRINGS:
Stainless SteelCONTACTS:
Gold Over Nickel Plated Phosphor BronzeTERMINALS:
Gold Over Nickel Plated Brass

ACTUATOR	A	09/11/16	CAB
BODY	A	10/03/18	CAB
MATERIALS	A	09/11/16	CAB
PACKAGING	A	09/11/16	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

C	CORRECTED TERMINAL NUMBERING	19887	11/04/27	CAB
B	INCREASED OPERATING FORCE	19005	10/04/07	CAB
A	INITIAL RELEASE	18915	10/03/18	CAB
REV.	DESCRIPTION	PCR	DATE	DRAWN BY

DIMENSIONS
INCHES [MILLIMETERS]GENERAL TOLERANCES
±0.008 [±0.2] / ±1°SCALE
DRAWING NOT TO SCALEPROJECTION
FIRST ANGLE

ITEM NUMBER

06-DR4NH10RB

DATE

APRIL 7, 2010

REVISION

C

E-SWITCH®

DR4NH-10R-B

Mouser Electronics

Authorized Distributor

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