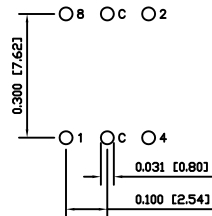


SUGGESTED PCB LAYOUT



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  |

|                               |                  |          |  |
|-------------------------------|------------------|----------|--|
|                               |                  |          |  |
| <p>TITLE</p> <p>DR3-10R-B</p> |                  |          |  |
| ITEM NUMBER                   | DATE             | REVISION |  |
| 06-DR310RB                    | OCTOBER 22, 2010 | A        |  |