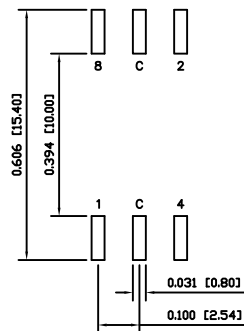


SUGGESTED PCB LAYOUT



| | | | |
|----------------|------|----------|-----|
| 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 |

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

| | | | | |
|------|---------------------------|-------|----------|----------|
| B | INCREASED OPERATING FORCE | 19005 | 10/04/07 | CAB |
| A | INITIAL RELEASE | 18783 | 10/01/15 | CAB |
| REV. | DESCRIPTION | PCR | DATE | DRAWN BY |

PACKAGING
 PACKAGING TYPE:
 Tape and Reel
 REEL QUANTITY:
 500 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:
400gfc

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



| | | | |
|----------------------|------------|---------------|----------|
| DIMENSIONS | | TITLE | |
| INCHES [MILLIMETERS] | | DR3MS-10R-TR | |
| GENERAL TOLERANCES | | ITEM NUMBER | |
| ±0.008 [±0.2] / ±1' | | 06-DR3MS10RTR | |
| SCALE | PROJECTION | DATE | REVISION |
| DRAWING NOT TO SCALE | 1st Angle | APRIL 7, 2010 | B |