

SUGGESTED PCB LAYOUT

PACKAGING TYPE:
Tape and Reel
REEL QUANTITY:
750 Pieces

SCHEMATIC

| POSITION | TERMINAL |
|----------|----------|
| 1 | 1 |
| 2 | 2 |
| 3 | 3 |
| 4 | 4 |
| 5 | 5 |
| 6 | 6 |
| 7 | 7 |
| 8 | 8 |
| 9 | 9 |

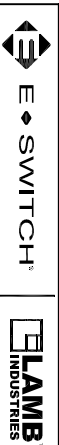
● CLOSED (connected to G)

SCHEMATIC

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:
 Min-Std 202F Method 213B
 Gravity: 50G, 11msac.
 Direction: 6 Sides
 Times: 3 Each Direction
 High Reliability
 VIBRATION RESISTANCE:
 Min-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: -40C to 85C
 Operation: -25C to 80C
 APPROVALS:
ROHS LEAD FREE
 COMPLIANT PROCESS COMPATIBLE

COLORS
 BODY: Black
 BASE: Polyimide 9T (PA9T), UL94 V-0
 ACTUATOR: White
 COVER: Polyimide 9T (PA9T), UL94 V-0
 MARKING COLOR: White
 ACTUATOR: Liquid Crystal Polymer (LCP), UL94 V-0
 SPRINGS: Stainless Steel
 CONTACTS: Cold Over Nickel Plated Phosphor Bronze
 TERMINALS: Cold Over Nickel Plated Brass



DR3M10RTR

| ACTUATOR BODY | DATE | BY | DESCRIPTION | SCALE | PROJECTION | DRAWING NUMBER | DATE | REVISION |
|---------------|----------|-----|------------------------|-------|------------|----------------|---------------|----------|
| A | 09/11/16 | CAB | RELEASE FOR PRODUCTION | 1:1 | DR | 06-DR3M10RTR | JULY 13, 2010 | A |
| A | 09/11/16 | CAB | | | | | | |
| A | 09/11/16 | CAB | | | | | | |
| B | 10/04/07 | CAB | | | | | | |