



SUGGESTED PCB LAYOUT

PACKAGING TYPE:
Tape and Reel
REEL QUANTITY:
750 Pieces

SCHEMATIC

POSITION	TERMINAL
1	1
2	2
4	4
8	8
0	0
1	1
2	2
3	3
4	4
5	5
6	6
7	7
8	8
A	A
B	B
C	C
D	D
E	E
F	F

● CLOSED (Connected to 0)

SPECIFICATIONS

FUNCTION: 1P16T
 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, 11msec.
 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: _____
 MATERIALS: _____
 BASE: Polyimide 9T (PA9T), UL94 V-0
 COVER: Polyimide 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 [MILLIMETERS]

INCHES [MILLIMETERS]
 GENERAL TOLERANCES ±0.008 [±0.2] / ±1'
 SCALE DRAWING NOT TO SCALE



DRAM-16R-TR

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REV.	DATE	BY	DESCRIPTION
1	09/11/16	CAB	ACTUATOR
1	17/10/03	MAR	BODY
1	09/11/16	CAB	MATERIALS
1	09/11/16	CAB	PACKAGING
1	10/04/07	CAB	SPECIFICATIONS
1			REFERENCE

REV.	DATE	BY	DESCRIPTION
1	10/03/17	MAR	INITIAL RELEASE
1			FOR
1			DATE
1			DRAWN BY