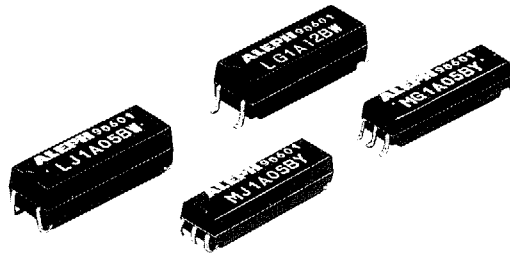


Surface Mount Reed Relays



- True SMT process compatibility
- Ultra miniature size
- Sensitive coil (L series)
- Coaxial E. S. shield for RF (M series)

COIL RATINGS (TAMB. = +20°C)

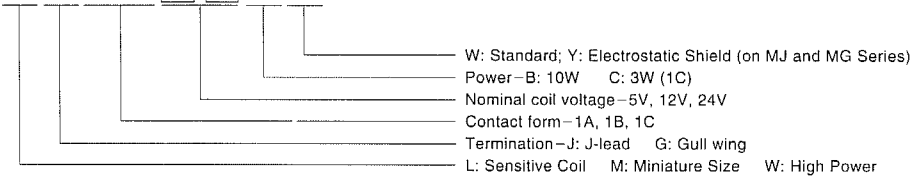
Part Number	Nominal Voltage (VDC)	Coil Resistance (Ω) \pm 10%	Operate Voltage (VDC) max.	Release Voltage (VDC) min.	Schematics
WJ 1 A □ □ BW WG 1 A □ □ BW	5 12 24	500 1000 2000	3.8 9.0 18.0	0.5 1.0 2.0	
L J 1 A □ □ BW L G 1 A □ □ BW	5 12	500 1000	3.8 9.0	0.5 1.0	
M J 1 A □ □ BY M G 1 A □ □ BY	5 12	150 600	3.8 9.0	0.5 1.0	
L J 1 B □ □ BW L G 1 B □ □ BW	5 12	500 500	3.8 9.0	0.5 1.0	
L J 1 C □ □ CW L G 1 C □ □ CW	5 12	200 500	3.8 9.0	0.5 1.0	

Note – (E.S.S.) : Electrostatic Shield

L • M • W Series

● How to order

L J 1 A 0 5 B W



■ CONTRACT RATINGS (resistive loads)

Parameters	L J 1 A ** B W	L G 1 A ** B W	L J 1 C ** C W	W J 1 A ** B W
	M J 1 A ** B Y	M G 1 A ** B Y	L G 1 C ** C W	W G 1 A ** B W
L J 1 B ** B W	L G 1 B ** B W			
Power (W) max.	10		3	50
Voltage (VDC) max.	150		100	200
Switching Current (A) max.	0.5		0.25	1.0
Carry Current (A) max.	1.0		0.5	2.0
Contact Resistance (Ω) max. (initial)	0.2		0.2	0.2
Breakdown Voltage (VDC) min.	Open Contact	200	200	250
	Contact to Coil	500	500	1500
Insulation Resistance (Ω) min.	Open Contact	10 ¹⁰	10 ⁹	10
	Contact to Coil	10 ¹⁰	10 ⁹	10
Operate Time (mS) max. (incl. bounce)	1.0		2.0	0.5
Release Time (mS) max.	0.5		2.5	0.5
Electrical Life	Low Level	3 X 10 ⁸ (10mVDC, 10μA)	10 ⁸ (10mVDC, 10μA)	1 X 10 ⁷ (10mVDC, 10μA)
	Rated Load	8 X 10 ⁵ (20VDC, 0.5A)	2 X 10 ⁵ (12VDC, 0.25A)	1 X 10 ⁶ (100VDC, 0.5A)

■ DIMENSIONS Unit : mm (inch)

