

DC.5KV High Voltage Type (1a Reed Relay)

Part number • Feature

LRL-10*-50PC

Breakdown Voltage: DC.5KV
Coil Voltage

Breakdown voltage DC.5KV

Performance

Specifications	Item	Standard
Contact Specifications	Contact Form	1a (make)
	Contact Rating	25W
	Max. Switching Voltage	DC.2000 V
	Max. Switching Current	0.5 A
	Max. Carry Current	1.0 A
	Contact Resistance	150 m MAX (Initial)
Electrical Specifications	Breakdown Voltage	Open Contacts DC.5000V (1 min) Contact to and Coil DC.5000V (1min)
	Insulation Resistance	1×10^9 MIN (DC.100V)
	Capacitance	Open Contacts 1.2pF TYP. Contact and Coil 1.5pF TYP.
	Thermal Electromotive Force	80 μ V TYP.
	Operate Time	(Incl bounce) 3.0 mS MAX. (at Nominal Voltage)
	Release Time	2.0 mS MAX. (at Nominal Voltage)
Mechanical Spec.	Vibration	20G (0 to 55Hz 1.5mm)
	Shock	30G (11mS 1/2 Sin Wave)
Environment	Operating Temperature	-10 to +60
Life Expectancy	Mechanical	5X10 ⁷ MIN. Operations
	Electrical	DC.2000V-10mA 2X10 ⁶ MIN. Operations (R.L.) DC.50V-0.5A 5X10 ⁶ MIN. Operations (R.L.)

Coil Specifications

Contact Form	Part Number	Nominal Voltage DC. $\pm 10\%$ (V)	Coil Resistance $\pm 10\%$ ()at20	Nominal Current (mA)	Must Operate Voltage MAX.(V)at20
1a	LRL-101-50PC	24	1600	15.0	16.8
	LRL-102-50PC	12	400	30.0	8.4
	LRL-103-50PC	6	100	60.0	4.2

Dimensions /Terminal Identification (Unit:mm)

Dimensions	Terminal Identification
<p>TOP VIEW</p> <p>BOTTOM VIEW</p> <p>weight about 60gr.</p>	<p>1 2</p> <p>W1 W2</p>

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