

DC.10KV High Voltage Type (1a Reed Relay)

Part number • Feature

LRL-10*-100PC

Breakdown Voltage: DC.10KV
Coil Voltage

Breakdown voltage DC10KV

Performance

Specifications	Item	Standard
Contact Specifications	Contact Form	1a (make)
	Contact Rating	25W
	Max. Switching Voltage	DC.5000 V
	Max. Switching Current	0.5 A
	Max. Carry Current	3.0 A
	Contact Resistance	150 m MAX (Initial)
Electrical Specifications	Breakdown Voltage	Open Contacts DC.10000V (1 min) Contact to and Coil DC.10000V (1min)
	Insulation Resistance	1×10^9 MIN (DC.100V)
	Capacitance	Open Contacts 1.2pF TYP. Contact and Coil 1.2pF TYP.
	Thermal Electromotive Force	40 μ V TYP.
	Operate Time	(Incl bounce) 3.0 mS MAX. (at Nominal Voltage)
	Release Time	5.0 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.5000V-5mA 1X10 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-101-100PC	24	1000	24.0	16.8
	LRL-102-100PC	12	300	40.0	8.4
	LRL-103-100PC	6	70	85.7	4.2

Dimensions /Terminal Identification (Unit:mm)

Dimensions	Terminal Identification
<p>weight about 60gr.</p>	<p>TOP VIEW</p>

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