

DC10KV High Voltage Type (1a Reed Relay)

Part number • Feature

LRL-10*-100PCV

Coil Voltage

Across Contacts, Across each Conductors Break Voltage DC10KV

Performance

Specifications	Item	Standard
Contact Specifications	Contact Form	1a (make)
	Contact Rating	50W
	Max. Switching Voltage	DC.7500 V
	Max. Switching Current	1.0 A
	Max. Carry Current	3.0 A
	Contact Resistance	200 m MAX (Initial)
Electrical Specifications	Breakdown Voltage	Open Contacts DC.10000V (1 min) Contact to Coil DC.10000V (1min)
	Insulation Resistance	1×10^9 MIN (DC.100V)
	Capacitance	Open Contacts 1.2pF TYP. Contact to coil 1.2pF 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 2KHz 1.5mm)
	Shock	30G (11mS 1/2 Sin Wave)
Environment	Operating Temperature	-10 to +60
Life Expectancy	Mechanical	1X10 ⁸ MIN. Operations
	Electrical	-

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-101-100PCV	24	720	33.4	16.8
	LRL-102-100PCV	12	200	20.0	8.4

Dimensions /Terminal Identification (Unit:mm)

Dimensions	Terminal Identification
	<p>(Bottom View)</p> <p>1 — 2...Contact(N,0) W1—W2...Coil</p>

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