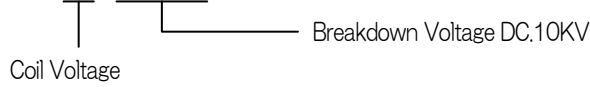


# DC.10KV High Breakdown Voltage (1 a · Dry Reed Relay)

**LRL-100-100PC**

■ Parts Number · Feature

● **LRL-100-100PC**



● High Breakdown Voltage DC.10KV

PCB type

DC.15KV Relays are also available separately.

■ Performance

Specifications	Item	Standard
Contact Specifications	Contact Form	1 Form a (Make)
	Contact Rating	25W
	Max. Switching Voltage	DC.5,000V
	Max. Switching Current	0.5A
	Max. Carry Current	3.0A
	Contact Resistance	150mΩ MAX. (Initial)
Electrical Specifications	Breakdown Voltage	Open contacts, Contact to Coil DC.10KV (1min)
	Insulation Resistance	$1 \times 10^9 \Omega$ MIN. (DC.100V)
	Capacitance	Open contacts 1.2pF TYP.
	Thermal Electromotive Force	80 $\mu$ V TYP.
	Operate Time Release Time	(include bounce) 3.0msec MAX. (at Nominal Voltage) 5.0msec MAX. (at Nominal Voltage)
Mechanical Specifications	Vibration	20G(0~2kHz, 1.5mm)
	Shock	30G(11msec, 1/2 sine wave)
Environment	Operating Temperature	-10°C~+60°C
Life Expectancy	Mechanical	$5 \times 10^7$ Operations MIN.
	Electrical	Please contact us for service life data.

■ Coil Specifications

Parts Number	Nominal Voltage DC $\pm 10\%$ [V]	Coil Resistance $\pm 10\%$ [ $\Omega$ ] at 20°C	Nominal Current [mA]	Must Operate Voltage MAX. [V] at 20°C
LRL-101-100PC	24	1,000	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)

