

DC.5KV High Breakdown Voltage (1a · Dry Reed Relay)

LRL-100-50PC

■ Parts Number · Feature

● LRL-100-50PC

Coil Voltage Breakdown Voltage DC.5KV

● High Breakdown Voltage DC.5KV PCB type

Axial lead type Relays are also available separately.

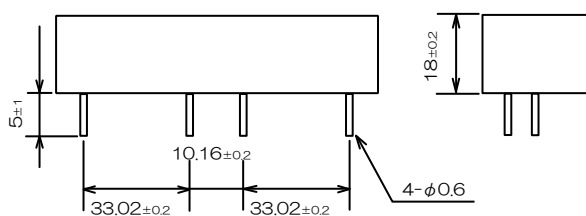
■ Performance

Specifications	Item	Standard
Contact Specifications	Contact Form	1 Form a(Make)
	Contact Rating	25W
	Max. Switching Voltage	DC.2,000V
	Max. Switching Current	0.5A
	Max. Carry Current	1.0A
	Contact Resistance	150mΩ MAX.(Initial)
Electrical Specifications	Breakdown Voltage	Open contacts , Contact to Coil DC.5KV (1min)
	Insulation Resistance	$1 \times 10^9 \Omega$ MIN.(DC.100V)
	Capacitance	Open contacts 1.2pF TYP.
	Thermal Electromotive Force	80 μ V MAX.
	Operate Time (include bounce)	3.0msec MAX.(at Nominal Voltage)
	Release Time	2.0msec 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	5×10^7 Operations MIN.
	Electrical	Please contact us for service life data.

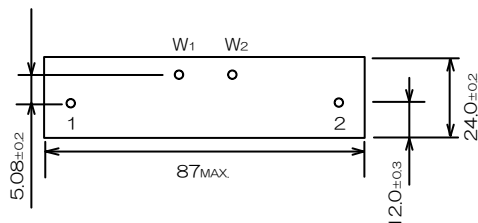
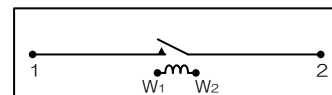
■ Coil Specifications

Parts Number	Norminal Voltage DC $\pm 10\%$ [V]	Coil Resistance $\pm 10\%[\Omega]$ at20°C	Norminal Current [mA]	Must Operate Voltage MAX.[V]at20°C
LRL-101-50PC	24	1,600	15.0	19.2
LRL-102-50PC	12	400	30.0	9.6
LRL-103-50PC	6	100	60.0	4.0

■ Dimensions / Terminal Identification (Unit : mm)



TOP VIEW



BOTTOM VIEW

weight approximately 60gr.