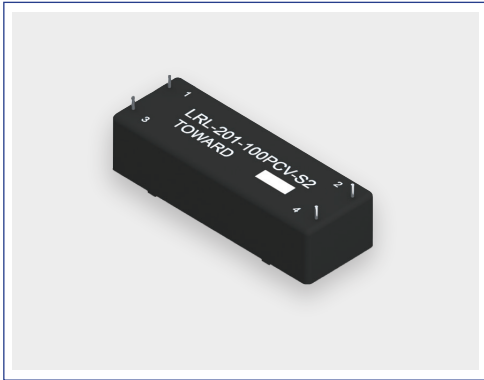




LRL SERIES

HI-VOLTAGE REED RELAY
(2 Form A)



KEY FEATURES

- High voltage reed relay
- Breakdown voltage is DC. 10KV, since it's a printed circuit board type, it decreases time and effort of mounting sharply

ORDER CODE

LRL-20X-XXXPCV-S2

(a) (b)

(a) Nominal Coil Voltage: 1 = 24VDC, 2 = 12VDC, 3 = 05VDC

(b) Breakdown Voltage: 100 = DC10KV

COIL DATA-STANDARD TYPE 2 FORM A (at 20°C)

NOMINAL VOLTAGE DC $\pm 10\%$ [V]	COIL RESISTANCE $\pm 10\%$ [Ω]	RELEASE VOLTAGE MIN. [V] @ 20°C	OPERATE VOLTAGE MAX. [V] @ 20°C
24	410	2.4	18
12	130	1.2	8.8
5	25	0.7	3.75

CONTACT SPECIFICATIONS (at 20°C)

ITEM	PERFORMANCE CHARACTERISTICS
Contact Form	2 Form A
Contact Rating	50W
Switching Voltage	DC. 7.5KV
Max. Switching Current	3.0A
Max. Carry Current	5.0A

ELECTRICAL SPECIFICATIONS

ITEM		PERFORMANCE CHARACTERISTICS
Relay Model		LRL-20X-XXXPCV-S2
Contact Resistance		150mΩ
Breakdown Voltage	Open Contacts	DC. 10KV
	Contacts to Coil	DC. 10KV
Insulation Resistance		10 ¹⁰ Ω
Operate Time		3.0ms
Release Time		3.0ms

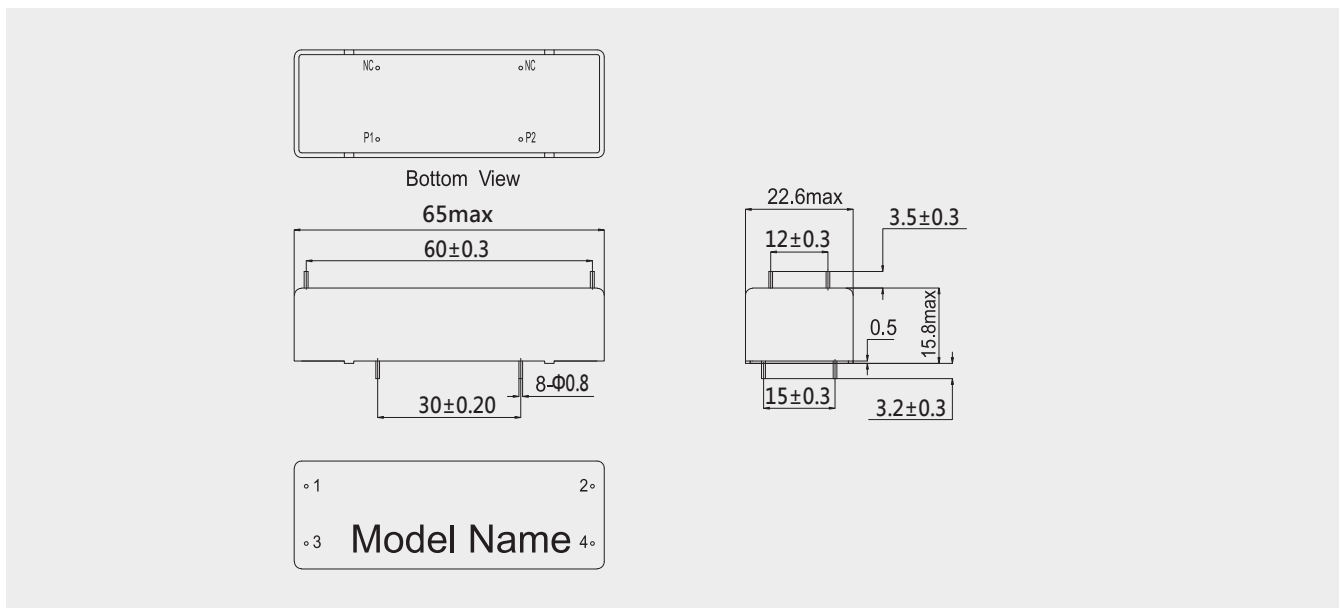
MECHANICAL SPECIFICATIONS

Vibration	20G 10~2000Hz
Shock	50G

ENVIRONMENTAL

Operating Temp.	-20°C~+80°C
Storage Temp.	-40°C~+150°C
Life Expectancy	DC. 7500V. 1mA 0.5x10 ⁶ Cyc

DIMENSIONS (Unit: mm)



WIRING DIAGRAMS (Top View)

