

Part Number / Feature 品名 / 特長

• LRL - 10 * - 100PCV

Breakdown Voltage: DC.10KV 耐電壓 DC.10KV
Coil Voltage 線圈電壓



- Breakdown Voltage is DC.10KV. Since it is a printed circuit board type, it decreases time and effort of mounting sharply.
- 有10KV.高耐壓設計是印刷電路板類型，可大幅減少組裝時間。

Performance 性能

Specifications 規格	Item 項目	Standard 規格
Contact Specifications 接點規格	Contact Form 接點型式	1a
	Contact Rating 接點額定	50 W
	Max. Switching Voltage 最大切換電壓	DC. 7.5 KV
	Max. Switching Current 最大切換電流	2.0 A
	Max. Carry Current 最大通電電流	3.0 A
Electrical Specifications 電氣規格	Contact Resistance 接點接觸阻抗	150m Ω MAX.(Initial)
	Breakdown Voltage 耐電壓	Open contacts DC. 10KV MIN Contacts to coil DC. 15KV MIN
	Insulation Resistance 絕緣阻抗	Open contacts $1 \times 10^9 \Omega$ MIN.(DC. 100V) Contacts to coil $1 \times 10^9 \Omega$ MIN.(DC. 100V)
	Electromotive Capacitance 靜電容量	2.0 pF MAX.
	Operate Time 動作時間	(Incl. bounce) 4.0 mS MAX. (at Nominal Voltage)
Mechanical Specifications 機械規格	Release Time 釋放時間	2.0 mS MAX. (at Nominal Voltage)
	Vibration 耐振動	20G (0~55Hz, 1.5 mm)
Environmental 環境	Shock 耐衝擊	30G (11 mS, 1/2 Sin Wave)
	Operating Temperature 使用周圍溫度	-10°C ~+60°C
Life Expectancy 壽命	Storage Temperature 保存周圍溫度	-30°C ~+80°C
	Mechanical 機械的	1 x 10 ⁸ MIN. Operations
	Electrical 電氣的	DC. 7500V-1mA 5x10 ⁵ MIN. Operations (R.L.) DC. 50V-0.5A 5x10 ⁶ MIN. Operations (R.L.)

Coil Specifications 線圈規格

Part Number 品名	Nominal Voltage DC ± 10% [V] 額定電壓	Coil Resistance ± 10% [Ω] at °C 線圈電阻	Nominal Current [mA] 額定電流	Must-Release Voltage MAX.[V] at 20 °C 釋放電壓	Must-Operate Voltage MAX.[V] at 20 °C 啟動電壓
LRL-101-100PCV	24	720	33.3	2.4	16.8
LRL-102-100PCV	12	200	60.0	1.2	8.4

Dimensions / Terminal Identification (Unit:mm) 外型尺寸圖 / 結線圖 (單位:毫米)

