



日製 OKITA

DC 5/10KV 高壓用磁簧繼電器

接腳 4Pin

尺寸: 70 x 19 x 21(mm)

接點額度: 3A, DC.2KV, 25W

勝特力材料 886-3-5753170
 勝特力电子(上海) 86-21-54151736
 勝特力电子(深圳) 86-755-83298787
[Http://www.100y.com.tw](http://www.100y.com.tw)

產品編號	線圈電壓
LRL-101-50PC	DC 24V 5KV 期貨
LRL-102-50PC	DC 12V 5KV 期貨
LRL-102-100PCV	DC 12V 10KV
LRL-103-50PC	DC 6V 期貨



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DC 10/14 KV 耐高壓干簧繼電器

接點是 1a(make)導引線, 可以自由組裝

最大切換/通電電流: 3A / 5A

最大切換電壓: DC 7500V(10KV) / 10000V(14KV)

接點額度: 50W

接點接觸阻抗: 250mΩ MAX.

絕緣阻抗: Between all isolated pins $1 \times 10^9 \Omega$ MIN(DC 100V)

產品編號	線圈規格	購物車
LRL-101PCZ-10KV	DC 24V 33.3mA 720Ω 電壓 10KV	
LRL-101PCZ-14KV	DC 24V 40mA 600Ω 電壓 14KV	
LRL-102PCZ-14KV	DC 12V 66.7mA 180Ω 電壓 14KV	

Part Number / Feature 品名 / 特長

• LRL - 101PCZ - 10KV

Breakdown Voltage: 耐電壓DC.10KV

- Breakdown Voltage is DC.10KV, since the contact is brought out by the lead wires, there is flexibility in its mounting. Since it is a printed circuit board type, it decreases time and effort of mounting sharply.
- 有10KV.高耐壓設計，接點是導引線，可以自由的組裝。是印刷電路板類型，可大幅減少組裝時間。



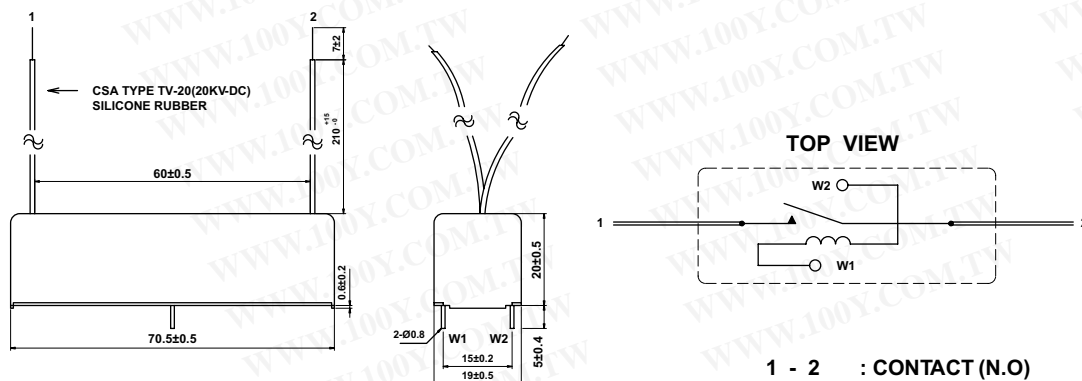
Performance 性能

Specifications 規格	Item 項目	Standard 規格
Contact Specifications 接點規格	Contact Form 接點型式	1a (make)
	Contact Rating 接點額定	50 W
	Max. Switching Voltage 最大切換電壓	DC.7500V
	Max. Switching Current 最大切換電流	3.0 A
	Max. Carry Current 最大通電電流	5.0 A
	Contact Resistance 接點接觸阻抗	250m Ω MAX. (Initial)
Electrical Specifications 電氣規格	Breakdown Voltage 耐電壓	Between contacts DC.10KV MIN Contacts to coil DC.15KV MIN
	Insulation Resistance 絕緣阻抗	Between all isolated pins $1 \times 10^9 \Omega$ MIN. (DC.100V)
	Capacitance 靜電容量	Across Open contacts 0.8pF Typ.
	Thermal Electromotive Force 熱起電力	80μV Typ.
	Operate Time 動作時間	(incl. bounce) 4.0mS MAX. (at Nominal Voltage)
Mechanical Specifications 機械規格	Release Time 釋放時間	2.0mS MAX. (at Nominal Voltage)
	Vibration 耐振動	20G (0~55Hz, 1.5mm)
	Shock 耐衝擊	30G (11mS, 1/2 Sin Wave)
Environmental 環境	Operating Temperature 使用周圍溫度	-20°C ~ +70°C
	Storage Temperature 保存周圍溫度	-35°C ~ +90°C
Life Expectancy 壽命	Mechanical 機械的	1×10^8 MIN. Operations
	Electrical 電氣的	DC.5000V-10mA $5 \times 10^5 \Omega$ MIN. Operations (R.L.) DC7500V-6.7mA $5 \times 10^5 \Omega$ 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 20°C 線圈阻抗	Nominal Current [mA] at 20°C 額定電流	Must-Operate Voltage MAX.[V] at 20°C 啟動電壓
LRL-101PCZ-10KV	24	720	33.3	20.0

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



Part Number / Feature 品名 / 特長

● **LRL - 10 * PCZ - 14KV**

└──────────┘ Coil Voltage 線圈電壓

- Breakdown Voltage is DC.14KV, since the contact is brought out by the lead wires, there is flexibility in its mounting. Since it is a printed circuit board type, it decreases time and effort of mounting sharply.
- 有14KV 高耐壓設計，接點是導引線，可以自由的組裝。是印刷電路板類型可大幅減少組裝時間。



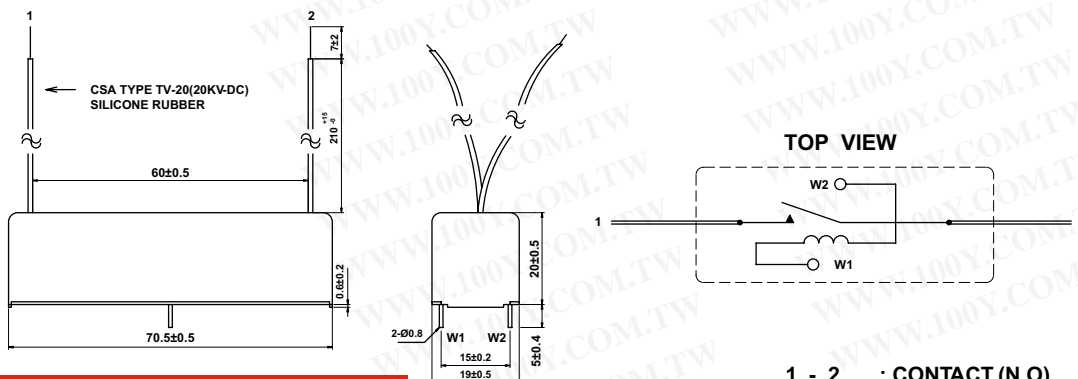
Performance 性能

Specifications 規格	Item 項目	Standard 規格
Contact Specifications 接點規格	Contact Form 接點型式	1a (make)
	Contact Rating 接點額定	50 W
	Max. Switching Voltage 最大切換電壓	DC.10000V
	Max. Switching Current 最大切換電流	3.0 A
	Max. Carry Current 最大通電電流	5.0 A
	Contact Resistance 接點接觸阻抗	250m Ω MAX. (Initial)
Electrical Specifications 電氣規格	Breakdown Voltage 耐電壓	Between contacts DC.14KV MIN Contacts to coil DC.15KV MIN
	Insulation Resistance 絕緣阻抗	Between all isolated pins $1 \times 10^9 \Omega$ MIN. (DC.100V)
	Capacitance 靜電容量	Across Open contacts 0.8pF Typ.
	Thermal Electromotive Force 熱起電力	80mV Typ.
	Operate Time 動作時間	(incl. bounce) 4.0mS MAX. (at Nominal Voltage)
	Release Time 釋放時間	2.0mS MAX. (at Nominal Voltage)
Mechanical Specifications 機械規格	Vibration 耐振動	20G (0~55Hz, 1.5mm)
	Shock 耐衝擊	30G (11mS, 1/2 Sin Wave)
Environmental 環境	Operating Temperature 使用周圍溫度	-20°C ~ +70°C
	Storage Temperature 保存周圍溫度	-35°C ~ +90°C
Life Expectancy 壽命	Mechanical 機械的	1×10^8 MIN. Operations
	Electrical 電氣的	DC.5000V-10mA $5 \times 10^5 \Omega$ MIN. Operations (R.L.) DC.7500V-6.7mA $5 \times 10^5 \Omega$ MIN. Operations (R.L.) DC.10000V-1mA $5 \times 10^5 \Omega$ MIN. Operations (R.L.)

Coil Specifications 線圈規格

Part Number 品名 額定電壓	Nominal Voltage DC $\pm 10\%$ [V] 線圈阻抗	Coil Resistance $\pm 10\%$ [Ω] at 20°C 額定電流	Nominal Current [mA] at 20°C 釋放電壓	Must-Operate Voltage MAX.[V] at 20°C 啟動電壓
LRL-101PCZ-14KV	24	600	40.0	20.0
LRL-102PCZ-14KV	12	180	66.7	9.0

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



1 - 2 : CONTACT (N.O)
W1 - W2 : COIL (R_a)

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