

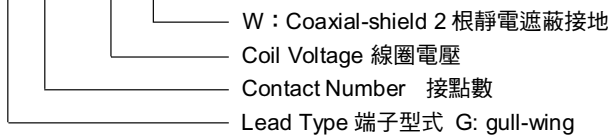
# Surface Mount Type 表面貼裝類型

## OKITA

1~2a · Reed Relays 1~2a · 干簧繼電器

### Part Number / Feature 品名 / 特長

• **RG \* 0 \* \* W6**



- Since it is a miniature surface type, the necessary occupancy area of a printed circuit board is small and high-density mounting is possible. It excels in high frequency characteristic, and electrostatic and magnetic shield are provided. And it is cost effective type.
- Wide operating temperature type(-55 to 140°C): RG\*0\*W9
- 超小體積的表面貼裝類型，印刷電路板的占有面積少，故能高密度組裝。且其擁有良好的高頻特性，另添加靜電，磁氣遮蔽接地，屬於Low cost 類型。
- 另有超寬溫度範圍(-55~140°C) 機種：RG \* 0 \* \* W9

### 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, 2a (make)
	Contact Rating 接點額定	10 W
	Max. Switching Voltage 最大切換電壓	DC.100V
	Max. Switching Current 最大切換電流	0.5A
	Max. Carry Current 最大通電電流	1.0A
	Contact Resistance 接點接觸阻抗	150m Ω MAX. (Initial)
Electrical Specifications 電氣規格	Breakdown Voltage 耐電壓	Between Contacts DC.200V Contacts to Coil DC.200V Contacts to Shield DC.200V Coil to Shield DC.200V
	Insulation Resistance 絕緣阻抗	Between all isolated pins 1X10 <sup>12</sup> Ω MIN. (DC.100V)
	Capacitance 靜電容量	Across Open Contacts 0.2pF MAX. (Shield Guarding) Contact to shield 1 pF MAX.
	Thermal Electromotive Force 熱起電力	40μV Typ.
	Operate Time 動作時間	(incl. bounce) 0.5mS MAX. (at Nominal Voltage)
	Release Time 釋放時間	0.5mS MAX. (at Nominal Voltage)
Mechanical Specifications 機械規格	Vibration 耐振動	20G (0~2KHz, 1.5mm)
	Shock 耐衝擊	30G (11mS, 1/2 Sin Wave)
Environmental 環境	Operating Temperature 使用周圍溫度	-10°C ~ +60°C
	Storage Temperature 保存周圍溫度	-30°C ~ +80°C
Life Expectancy 壽命	Mechanical 機械的	3X10 <sup>8</sup> MIN. Operations
	Electrical 電氣的	DC.10mV-10mA 3X10 <sup>8</sup> MIN. Operations (R.L.)

### Coil Specifications 線圈規格

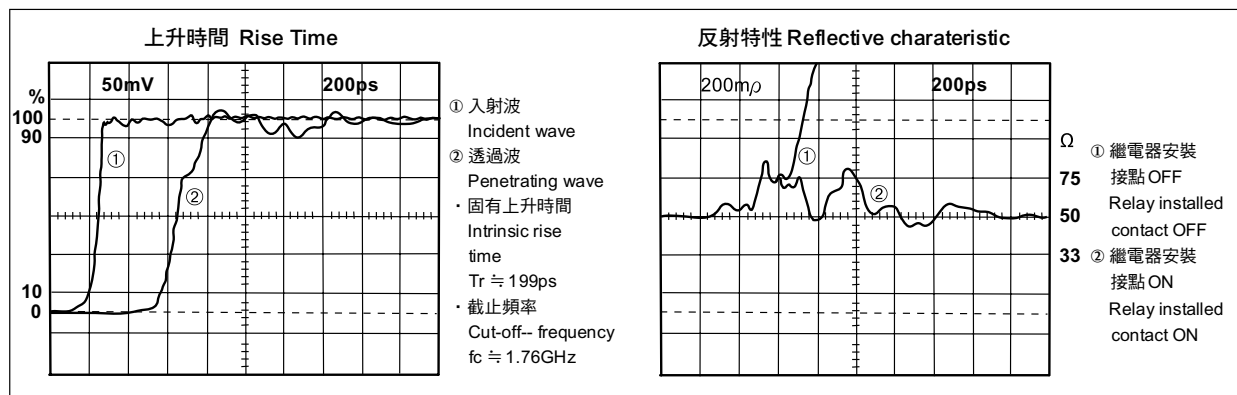
Contact Form 接點型式	Part Number 品名	Nominal Voltage DC ± 10%[V] 額定電壓	Coil Resistance ± 10%[Ω] at 20°C 線圈阻抗	Nominal Current [mA] 額定電流	Must-Operate Voltage MAX.[V] at 20°C 啟動電壓
1a	RG1012W6	12	600	20	9.0
	RG1005W6	5	160	31.3	3.8
2a	RG2012W6	12	600	20	9.0
	RG2005W6	5	140	35.8	3.8

High Frequency Characteristic (Input Output Impedance 50 Ω) 高頻特性 (輸出入電阻 50 Ω)

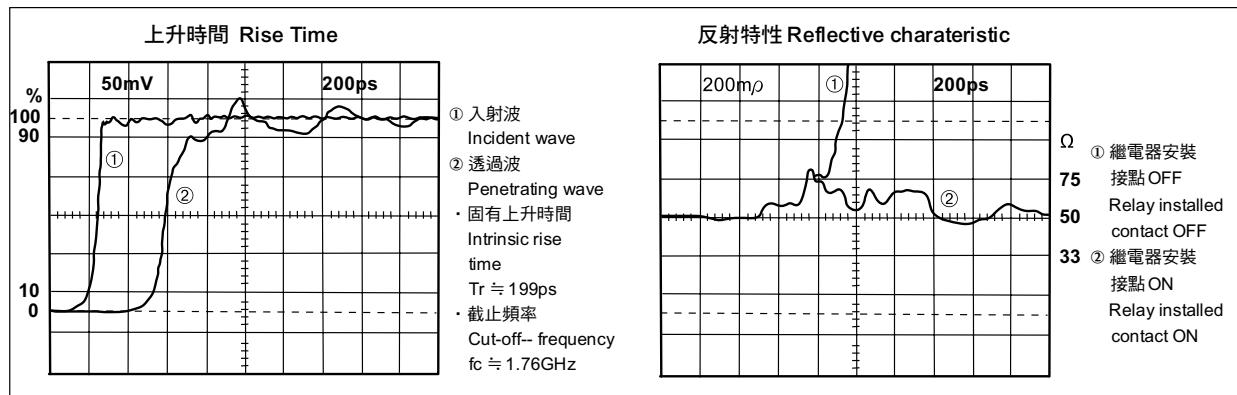
Part Number 品名	Item 項目	Frequency 頻數		
		10MHz	100MHz	500MHz
RG10 ** W6	Return Loss 反射損失	37dB MIN.	22dB MIN.	11dB MIN.
	Isolation 隔離絕緣	55dB MIN.	38dB MIN.	25dB MIN.
	Insertion Loss 插入損失	0.2dB MAX.	0.25dB MAX.	0.5dB MAX.
RG20 ** W6	Return Loss 反射損失	37dB MIN.	22dB MIN.	11dB MIN.
	Isolation 隔離絕緣	38dB MIN.	25dB MIN.	15dB MIN.
	Insertion Loss 插入損失	0.2dB MAX.	0.25dB MAX.	0.5dB MAX.

Pulse Transmission Characteristic Data 脈衝傳輸特性數據

RG10 \*\* W6

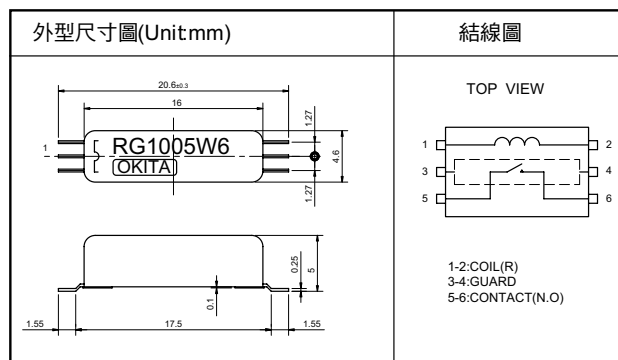


RG20 \*\* W6



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

RG10 \*\* W6



RG20 \*\* W6

