

電力型可變線繞電阻器

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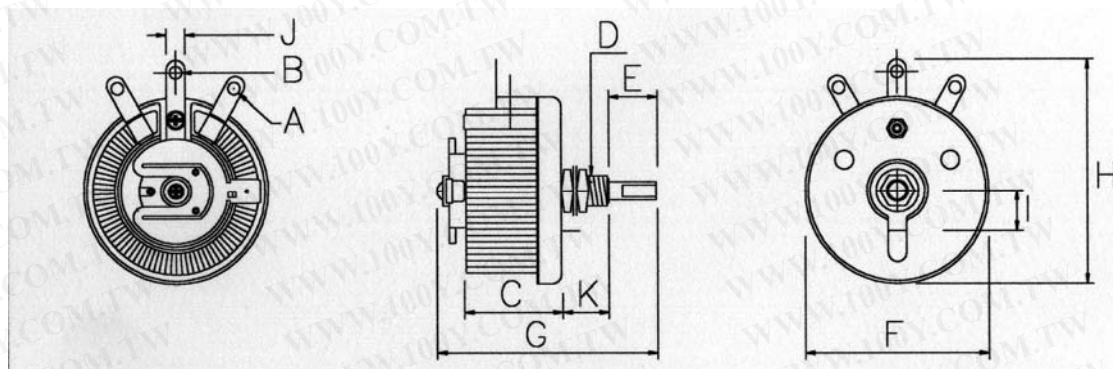
VR 系列電阻器



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於 C 形瓷件骨架上、纏繞銅鎳合金或鎳鉻合金之電阻線、除滑動接觸表面外，均以耐高溫之不燃性樹脂塗裝被覆，待陰乾後由高溫處理固定絕緣，並配裝中心轉動調整之零件，由轉軸帶動電刷於電阻線上滑動變化，而獲得需求適當之阻值。適用範圍：教學測試、模擬負載、產業機械轉速調節、電壓電流調節、儀器設備、自動控制裝置...等。

FVR TYPE 25W-100W 電力型可變線繞電阻器



POWER RATING	DIMENSIONS 寸 法 (mm)												RESISTANCE RANGE (Ω)
	A	B	C	D	E	F	G	H	I	J	K	Weight	
25W	2.5	3.2	22	3/8"	6×12	42	50	50	11	5	10	74/g	5Ω-2.5KΩ
50W	4.2	4.2	28	3/8"	6×12	64	60	70	11	8	14	160/g	7Ω-3.5KΩ
100W	4.2	4.2	42	3/8"	6×12	85	75	90	11	8	14	372/g	10Ω-5KΩ

PERFORMANCE SPECIFICATIONS

項 目 TEST ITEM	試驗方法 TEST METHODS	性 能 CHARACTERISTICS	Remark
電阻值容許誤差 Resistance tolerance	JIS-C-5261 5-1	Resistance tolerance $\pm 10\%$	
絕緣抵抗 Insulation resistance	JIS-C-5261 6-1 500VDC	100MΩ min	
耐電壓 Dielectric withstanding voltage	JIS-C-5261 7-1 1000VDC 1 minute Between terminal and axis	Free of appearance or structural irregularity	
端子強度 Terminal strength	JIS-C-5261 6-5 3kg 30 seconds	Free of appearance or structural irregularity $\Delta R/R \leq \pm (2\% + 0.1\Omega)$	ETC
耐振性 Vibration	JIS-C-5261 6-6 1.5m/m 10 ~ 50 ~10 Hz/min X-Y-Z 2hours each	Free of appearance or structural irregularity $\Delta R/R \leq \pm (2\% + 0.1\Omega)$	ETC
耐久性 Load life	JIS-C-5261 7-7	Free of appearance or structural irregularity $\Delta R/R \leq \pm (5\% + 0.1\Omega)$	
全迴轉角度 Full gyration angle	JIS-C-5261 6-1	300 $\pm 5^\circ$ C	ETC
難燃性 Flame retardation	100% ~ 600% rated power load	US UL-94 flame retardation test V-0 grade noncombustible	
備 註 Remarks	1. Items noted with ETC were tested by Taiwan Electronic Testing Center as shown in report No. ET89T-03-086-C00. 2. Resistance and resistance tolerance were tested in-house with micro resistance meter. 3. Resistor coating refers to UL-certified data provided by supplier.		

訂貨方式

FVR	25W	2.5KΩ	K
↓	↓	↓	↓
成品類別	額定電力 (w)	阻 抗 值 (Ω)	容許阻抗值誤差
FVR type	25W~100W	表示阻抗值 (Ω)	K = 阻值 $\pm 10\%$