

**VR** series**Power Type Coated Wire Wound Variable Resistors**◆ **Features**

Application: Telecommunication, Panel.....etc.

Material: Circular ceramic with alloy resistance wire wounded and covered by silicone

The alloy resistance wire for VR100W1RJB is CN10  $\phi$  0.8mm, TCR=700ppm

Power: 25W, 50W, 100W, 200W

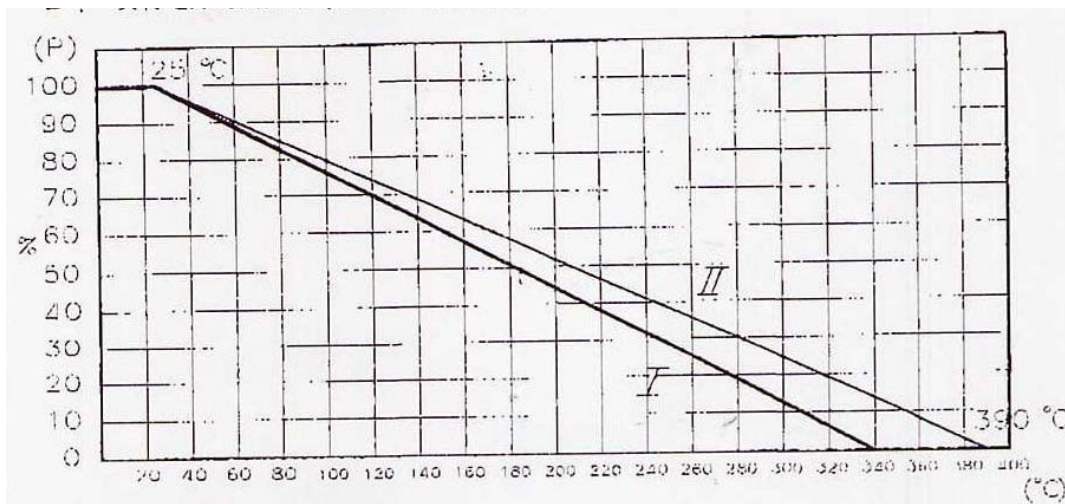
◆ **How To Order**

VR	-	100W	1R	J	B
Type		Watt	Resistance	Tolerance	Packing
VR		25W		J=5%	B=Bulk
		50W			
		100W			

◆ **Rotated Angle**

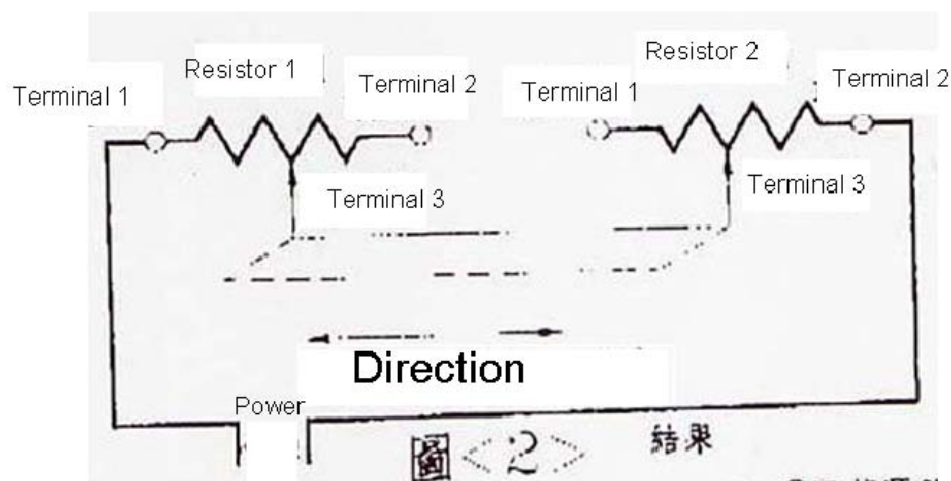
POWER	ROTATED RANGE
25W	290°±5°
50W	290°±5°
100W	300°±5°
200W	300°±5°

## ◆ Rated Load (Derated Curve)



Rated power  $\leq 100W$ , the maximum working temperature must  $\leq 340^{\circ}C$  ( curve I)  
 Rated power  $\geq 200W$ , the maximum working temperature must  $\leq 390^{\circ}C$  ( curve II)

## ◆ Rotated Function



### Test Method

1. Rotated angle range over  $\geq 90^{\circ}$
2. Working voltage  $E = \sqrt{P \cdot W}$
3. Rotate 20 times/min ( $P \leq 300W$ )
4. Rotate continuously 5000 times

### Result

1.  $\Delta R \leq \pm 5\%$
2. Rotation is still working.