

- Resistances from 0.1 Ohm to 100K Ohm
- Tolerances to  $\pm 1\%$
- All Welded Construction
- High Overload and Pulse Handling Capability
- Supplied in Bulk and Tape & Reel



Riedon's VT series, wirewound power resistors have excellent performance and reliability in a moderate package size. Coated with vitreous enamel, they can operate in temperatures to  $+350^{\circ}\text{C}$  with no outgassing.

## SPECIFICATIONS

<b>Resistance Range -</b>	0.1 to 100K Ohms
<b>Free Air Power Rating -</b>	3W, 5W, 7W, 10W, 14W ( $T_{\text{ambient}} = 25^{\circ}\text{C}$ )
<b>Resistance Tolerances -</b>	$\pm 5\%$ , $10\%$ ( Selection Available for $\pm 1\%$ , $2\%$ )
<b>Temperature Coefficient -</b>	$\pm 200$ ppm/ $^{\circ}\text{C}$ Max. ( $R \geq 1$ Ohm ) Consult Factory for $R < 1$ Ohm
<b>Climactic Category -</b>	55 / 200 / 55
Environmental and other performance specifications generally Conform to BS CECC 40201-002 standards.	

Type	Power Rating ( $25^{\circ}\text{C}$ )	Maximum Voltage	Dimensions in (mm)					
			$\Omega$ MIN	$\Omega$ MAX	L (MAX)	D (MAX)	I (NOM)	d
VT3	3	100	0.1	10K	0.52 (13)	0.22 (5.6)	1.18 (30)	0.032 (0.8)
VT5	5	160	0.1	20K	0.91 (23)	0.28 (7)	1.18 (30)	0.032 (0.8)
VT7	7	200	0.1	22K	0.87 (22)	0.32 (8)	1.18 (30)	0.032 (0.8)
VT10	10	500	0.1	68K	1.50 (38)	0.32 (8)	1.18 (30)	0.032 (0.8)
VT14	14	750	0.1	100K	2.13 (54)	0.32 (8)	1.18 (30)	0.032 (0.8)



### Ordering information:

Part Number - Resistance - Tolerance  
Example: **VT-3 - 220 Ohm - 1%**

Power Derating Curve

