

High Power Wirewound Resistors

Ribbon Wirewound Types (QR & QRZG)

This more traditional form of enamelled power resistor construction provides extremely high power rating, compact dimensions, linear coefficient of resistance, excellent stability in long-term use and resilience to short-term overload.

The QR and QRZG types are wound with rectangular cross-section 'ribbon' wire resulting in an even more robust construction where very low resistance values are required to handle extraordinarily high currents.

Available with or without mounting brackets.

CAUTION

Where high power resistors of this nature must be specified, the designer should make due allowance for adequate cooling and heat dissipation to prevent damage to nearby components and/or fire hazards. Although a resistor may have a very high power dissipation capability, the heat it generates in operation must still be carried away, via a heat sink, by natural convection or by forced cooling.

Power Rating (W)	Resistance Range (Ω)	Tolerance (%)	Dimensions (mm)									
			D	E	L	B	F	G	H	J	K	T
120	0.2 - 4	-	33	16	115	-	6	26	22	148	167	-
150	0.3 - 5	-	33	16	140	-	6	26	22	173	192	-
180	0.3 - 6	-	33	16	165	-	6	26	22	198	217	-
225	0.4 - 8	-	33	16	195	-	6	26	22	228	247	-
300	0.5 - 10	-	33	16	254	-	6	26	22	287	306	-
450	0.8 - 15	-	48	25	254	-	9	40	40	308	334	-
600	1 - 20	-	48	25	330	-	9	40	40	384	410	-

