

# High Power Wirewound Resistors

## Wirewound Types (QH & QL)

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 QH and QL types are wound with conventional circular cross-section resistance wire.

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 ( $\Omega$ )	Tolerance (%)	Dimensions (mm)										
			D	L	B	F	G	H	J	K	T	M	
5	1 - 100	$\pm 5$	10	-	30	-	-	-	-	-	-	14	4
10	1 - 3K	$\pm 5$	12	-	45	-	-	-	-	-	-	16	6
20	1 - 10K	$\pm 5$	19	-	50	-	-	-	-	-	-	19	10
25	2 - 12K	$\pm 5$	19	-	60	-	-	-	-	-	-	19	10
30	2 - 15K	$\pm 5$	19	-	75	-	-	-	-	-	-	19	10
40	2 - 20K	$\pm 5$	19	-	90	-	-	-	-	-	-	19	10
50	3 - 25K	$\pm 5$	28	-	75	-	-	-	-	-	-	31	16
60	3 - 30K	$\pm 5$	28	-	90	-	-	-	-	-	-	31	16
80	3 - 40K	$\pm 5$	28	-	115	-	-	-	-	-	-	31	16
100	3 - 50K	$\pm 5$	28	-	140	-	-	-	-	-	-	31	16
120	4 - 60K	$\pm 5$	28	-	165	-	-	-	-	-	-	31	16
150	4 - 70K	$\pm 5$	28	-	195	-	-	-	-	-	-	31	16
200	5 - 100K	$\pm 5$	28	-	254	-	-	-	-	-	-	31	16
300	8 - 150K	$\pm 5$	42	-	254	-	-	-	-	-	-	33	25
400	10 - 200K	$\pm 5$	42	-	330	-	-	-	-	-	-	38	25
600	10 - 200K	$\pm 5$	42	-	420	-	-	-	-	-	-	38	35

