

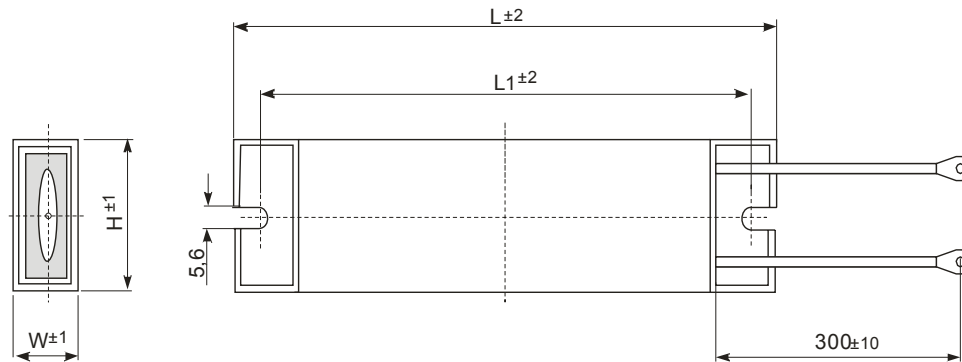


Wirewound Resistors, Aluminium Housed, Chassis Mount

Specifications

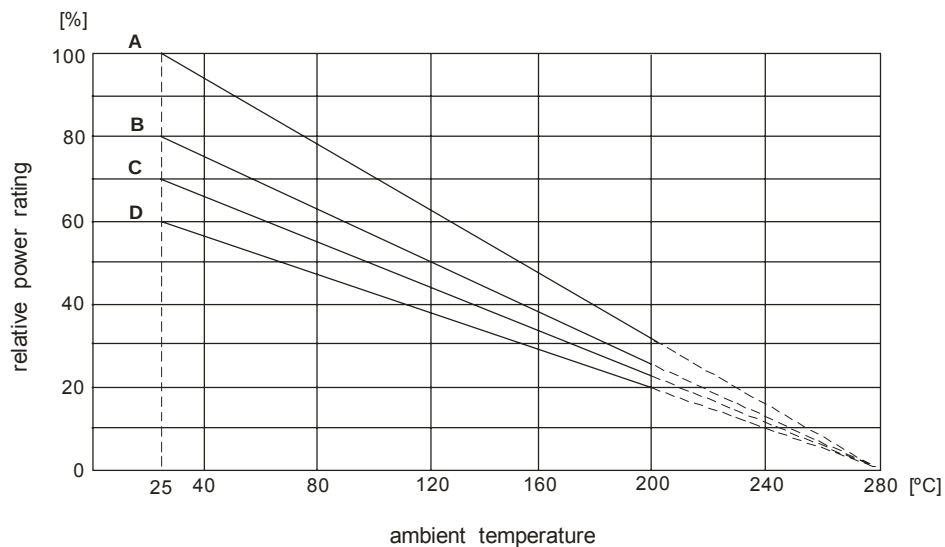
Type	RXLG	60	80	100	120	150	200	300	400	500
Nominal Power rating P_{25}	W	60	80	100	120	150	200	300	400	500
Resistance range	Rmin	0R5								
	Rmax	400R	910R	1K	1K2	1K5	2K	2K5	4K	6K
Tolerances	%	5 (J) ; 10 (K)								
Temperature coefficient	$10^{-6} \cdot K^{-1}$	± 260								
Max. working voltage	V_{RMS}	$\sqrt{P_{25} \cdot R}$								
Insulation voltage (1min.)	V_{RMS}	2000								
Insulation resistance	Ω	$> 10M$								
Derating linear	$^{\circ}C$	See diagram								
Climatic category		55/300/56								
Temperature range	$^{\circ}C$	-40 ... 300								
Failure rate (Total, 9, max, 60% cont. lev.)	$10^{-9} h^{-1}$	appr. 10 depends on value								
Endurance (P_{25} 25 $^{\circ}C$, 1000)	$[\Delta R/R] \%$	± 5 average								
Damp heat, steady state (40 $^{\circ}C$, 93% r.h., 56d)	$[\Delta R/R] \%$	± 5								
Climatic sequence	$[\Delta R/R] \%$	± 2								
Terminal Tensile Strength	N	50								
Resistance to soldering heat (260 $^{\circ}C$, 10s)	$[\Delta R/R] \%$	N / A								
Solderability	s	N / A								
Marking		Printed in clear								

Dimensions in mm:



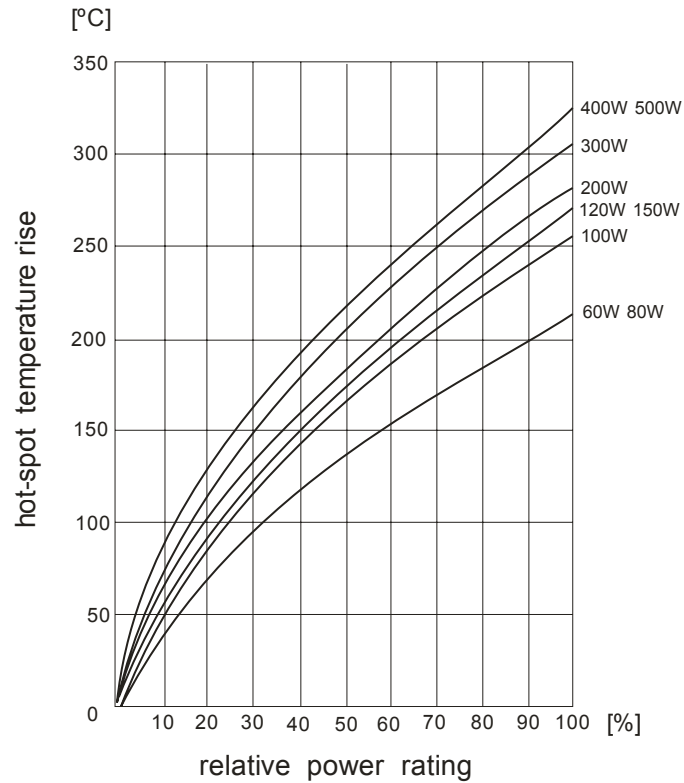
Type RXLG	60	80	100	120	150	200	300	400	500
L	115	140	165	190	215	165	215	265	335
L1	98	123	148	173	198	147	197	247	317
H	40	40	40	40	40	60	60	60	60
W	20	20	20	20	20	30	30	30	30

Derating:

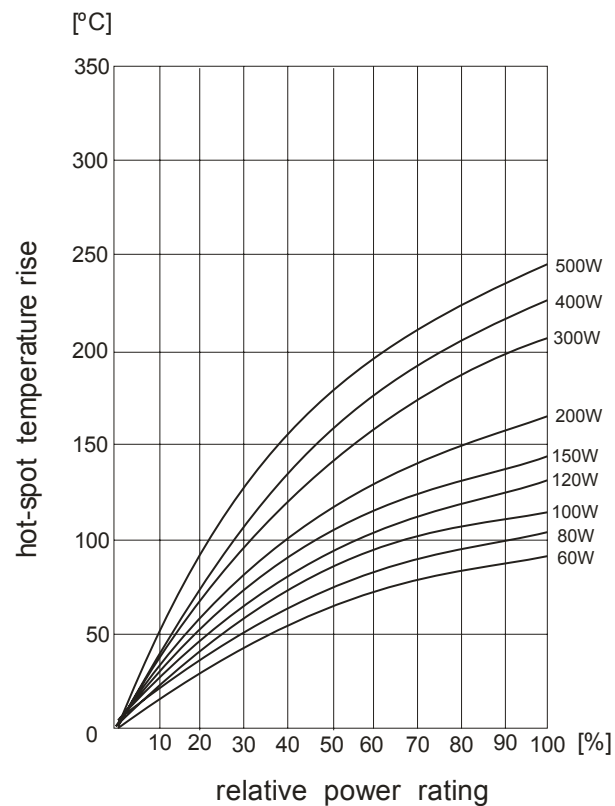


- Note:
- A** heat – sink 200x200x3mm (60W ... 150W)
heat – sink 400x400x3mm (200W ... 500W)
 - B** without heat – sink (60W ... 150W)
 - C** without heat – sink (200W , 300W)
 - D** without heat – sink (400W , 500W)

Temperature rise:
(without heat – sink)



Temperature rise:
(with heat – sink as defined under “Derating”)



Ordering example: RXLG 200 5 B 1R
 Type Size Tolerance Pack-Code (Bulk) R- value