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

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VITROHM PORTUGUESA, Lda – Est. Nacional 249-4, Trajouce -2765-653 S. Domingos de Rana – PORTUGAL
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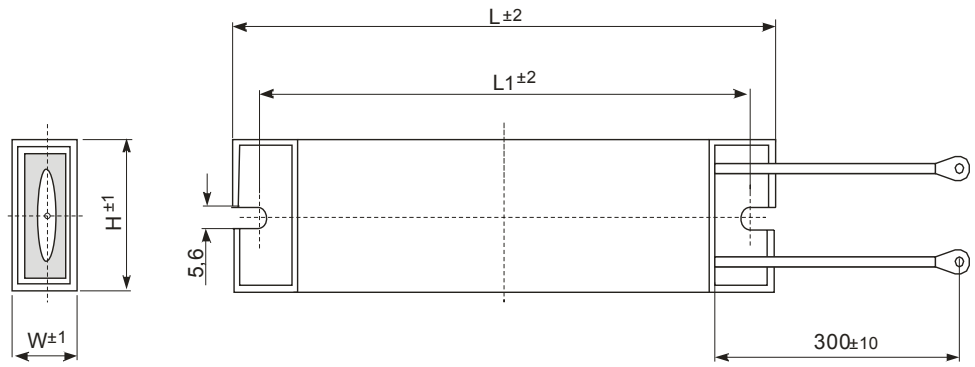
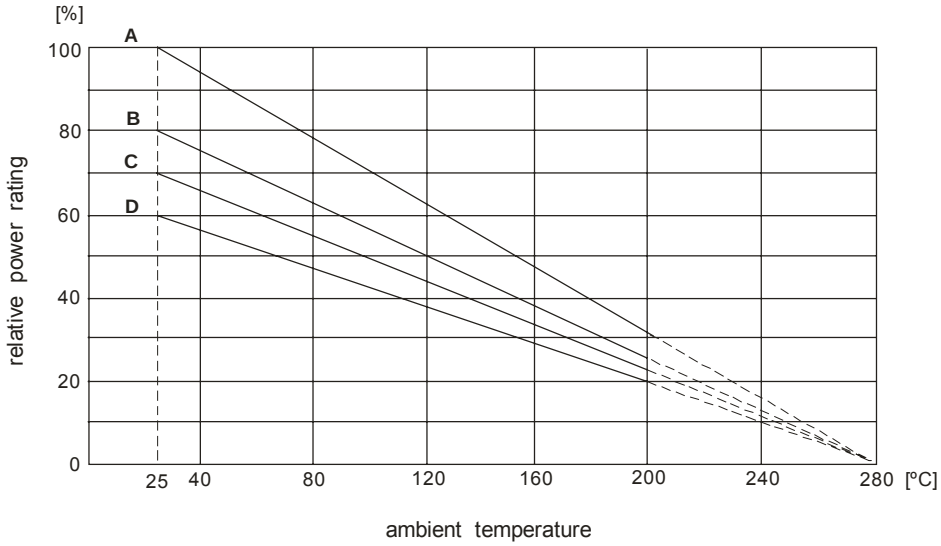
Dimensions in mm:



Type RXLG	60	80	100	120	150	200	300	400	500
L	115	140	165	190	215	165	215	265	335
L_1	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)

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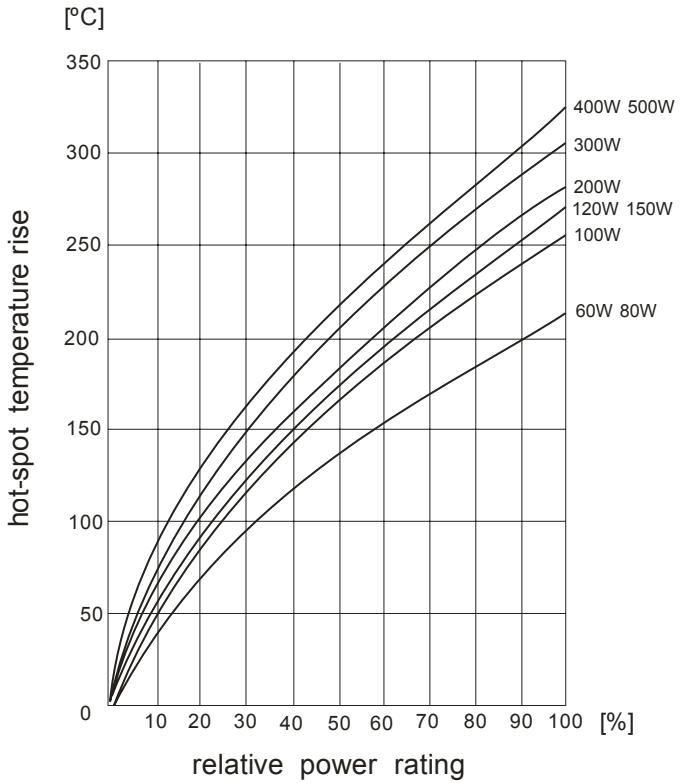
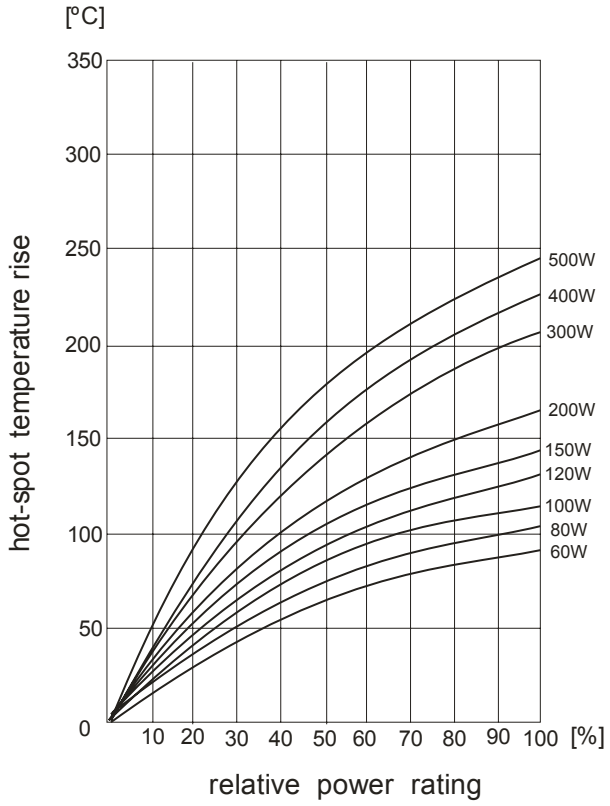
Temperature rise:
(without heat – sink)



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



Ordering example:

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

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