ARF Low Profile Wirewound Metal Clad Resistors

Flexible design with high pulse capability, ideally suited to braking and inverter / converter applications. Enhanced power levels can be achieved when heatsink mounted.



- High power density
- Low profile
- 600V cables as standard
- Heatsink mount for increased power dissipation
- RoHS Compliant

Characteristics

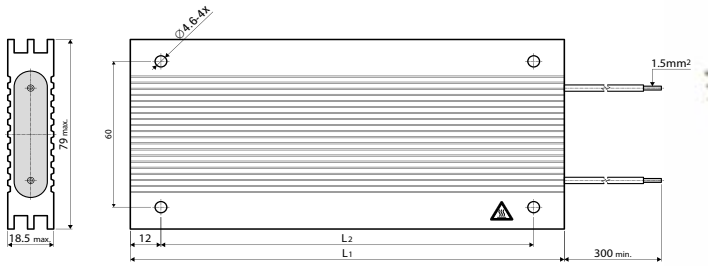
Tolerance (Code):	± 5% (J)
Maximum surface temperature:	+250°C
Temperature coefficient:	≤ ± 150ppm/°C
Operating Voltage:	√(PxR)
Pulse overload:	10 x P, 5 sec
Insulation resistance:	at 500V ≥ 10GΩ
Insulation testing voltage:	4000V ≈

Electrical Specifications

Type	Wattage (P) (without heatsink)	Wattage (with heatsink)	Max. voltage	Ohmic Value Range
ARF150	75	150	1000	2R2 - 220R
ARF200	100	200	1000	3R6 - 390R
ARF300	150	300	1500	5R6 - 560R
ARF400	200	400	1500	7R5 - 820R
ARF500	250	500	2000	10R - 1K
ARF600	300	600	2000	11R - 1K1

Dimensions (mm)

Type	L1	L2
ARF150	80	56
ARF200	110	86
ARF300	163	139
ARF400	216	192
ARF500	270	246
ARF600	300	276



Ordering Procedure

Standard Resistor: Series, Resistance Value, Tolerance code (J ±5%) e.g. ARF150 5R6 J

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www.arcolresistors.com

The information contained herein does not form part of a contract and is subject to change without notice. Arcol operate a policy of continual product development, therefore, specifications may change.

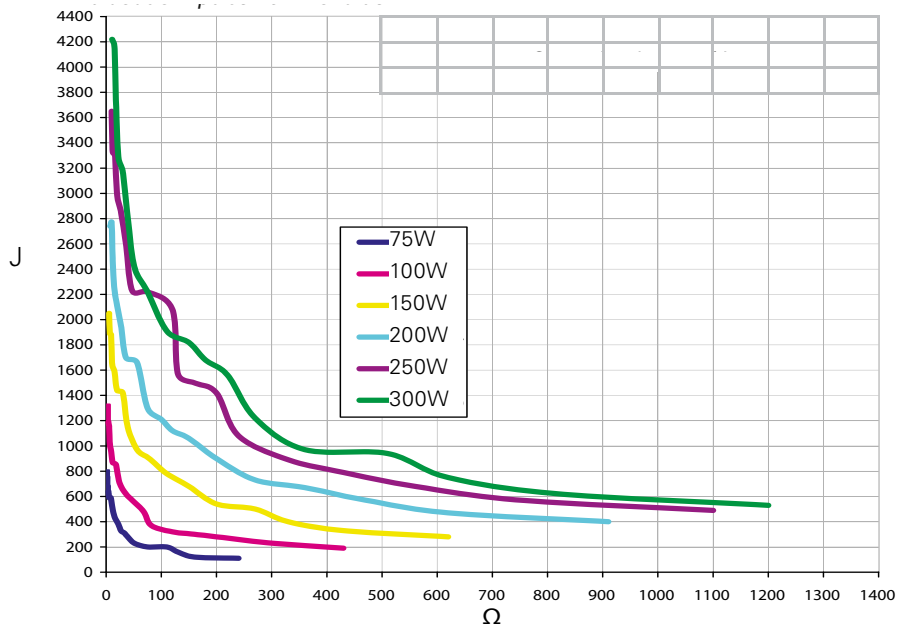
It is the responsibility of the customer to ensure that the component selected from our range is suitable for the intended application. If in doubt please ask Arcol.

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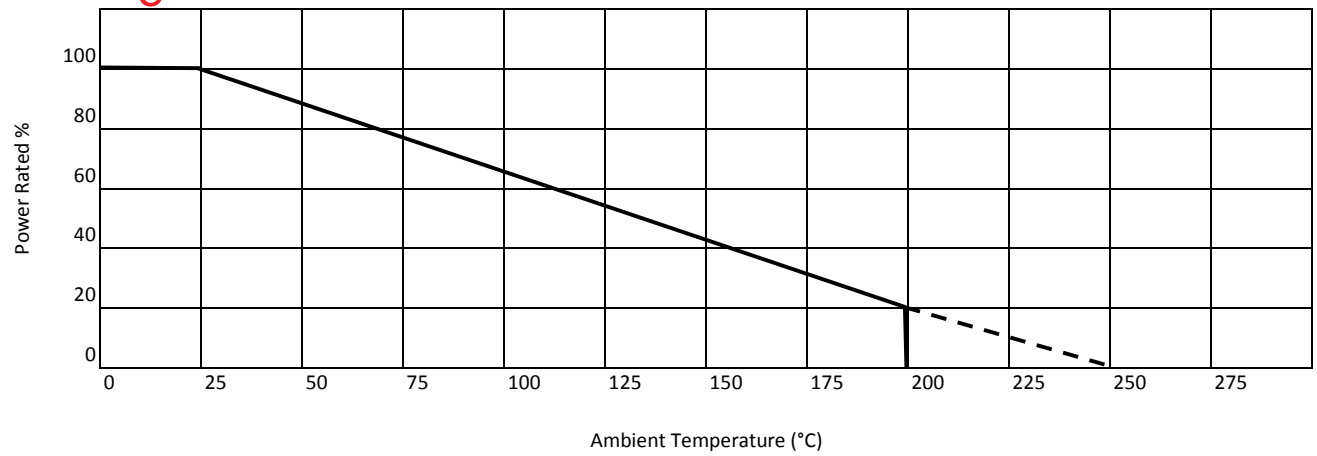
For more information and ordering, please consult
www.arcolresistors.com

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Adiabatic impulse x ohmic value



Derating Curve



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