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.



FEATURES

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

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 ≈

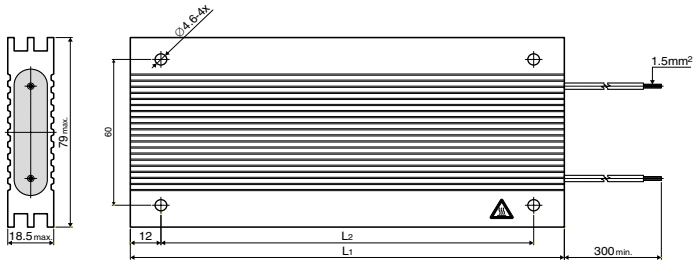
ELECTRICAL SPECIFICATIONS

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

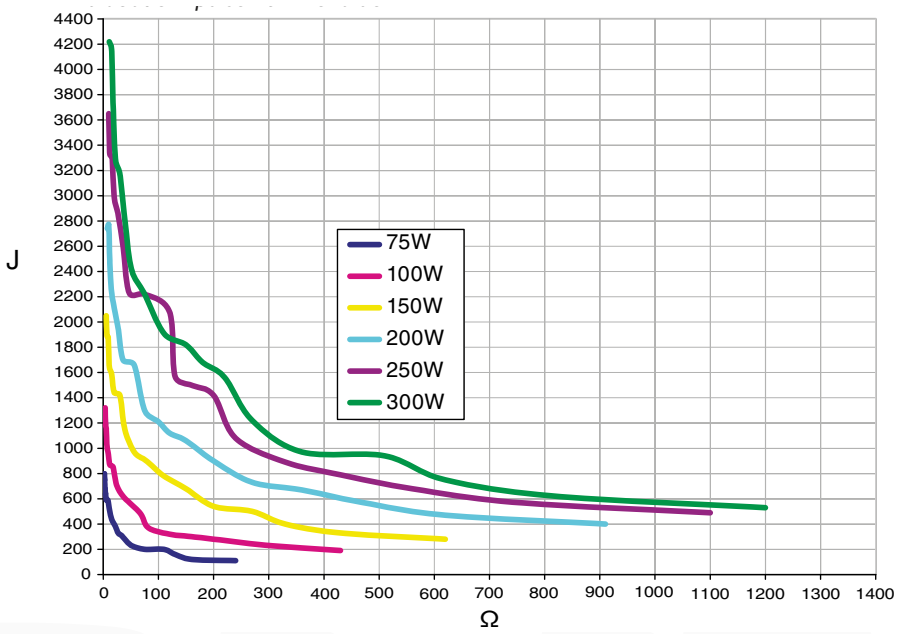
DIMENSIONS

(mm)

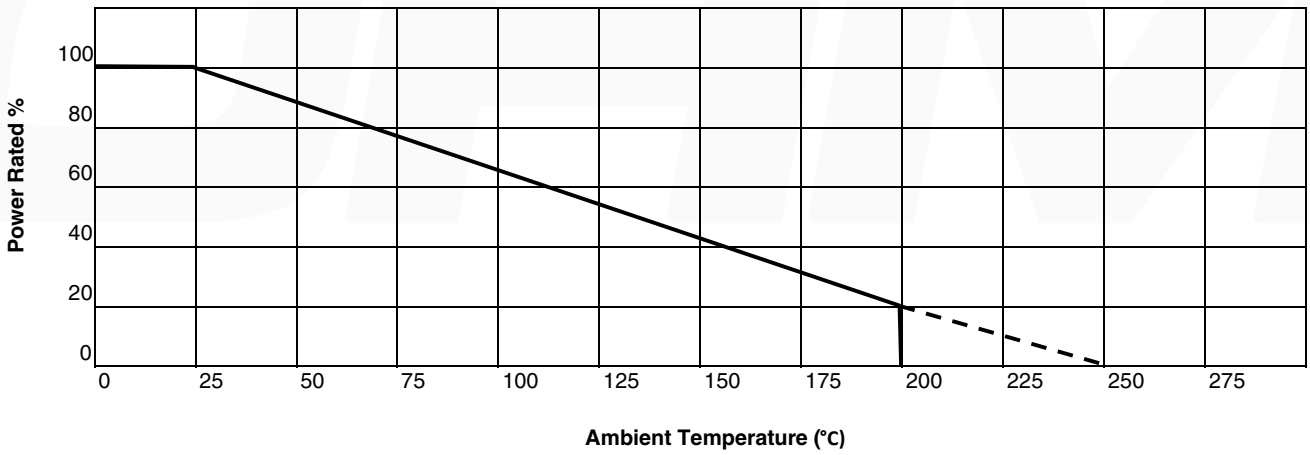
Type	L1	L2
ARF150	80	56
ARF200	110	86
ARF300	163	139
ARF400	216	192
ARF500	270	246
ARF600	300	276



ADIABATIC IMPULSE X OHMIC VALUE



DERATING CURVE



ORDERING PROCEDURE

Standard Resistor:

Series, Resistance Value, Tolerance code (J±5%)

e.g.

ARF150 5R6 J