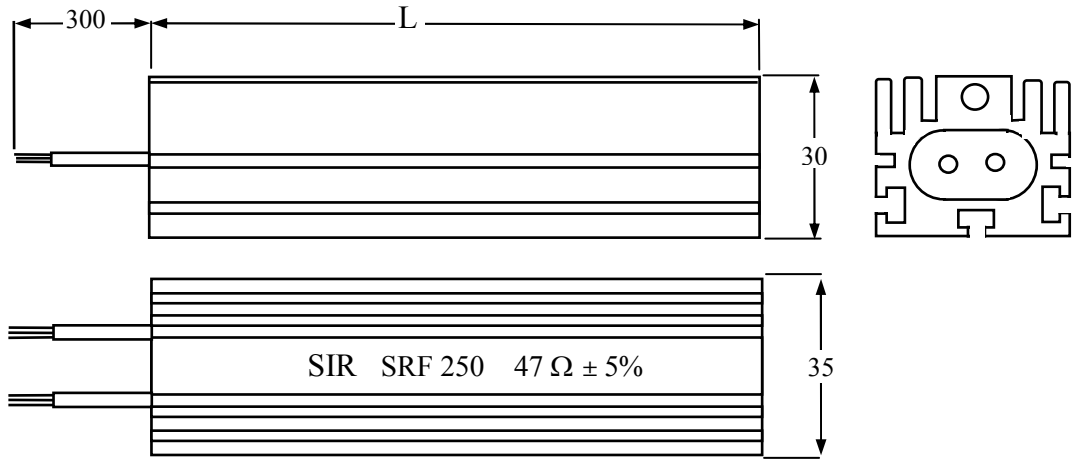




ALLUMINIUM HOUSED POWER WIREWOUND RESISTORS STYLE SRF 250 & 350



STYLE	L	Power rating W
SRF250	150	250
SRF350	200	350

1. FEATURES

The SRF style resistors are products of good quality designed to achieve a high level of protection (IP55) and an elevated dielectric strength.

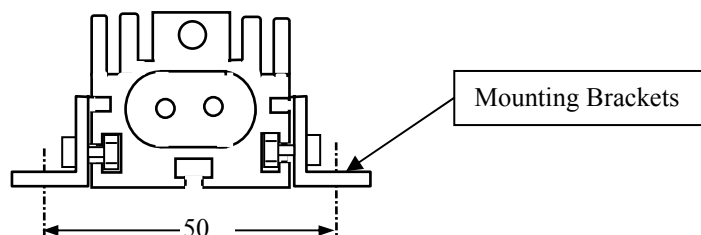
The special construction technology makes use only of inorganic materials so as to permit confidence of use beyond 400°C and to ensure a good endurance to adiabatic impulses. These characteristics and the mounting facility make the SRF style essential where high reliability is required even in heavy duties as:

- **brake resistors**
 - **inverter**
 - **snubber**
- **capacity discharge**

Moreover the power rating of resistors may be increased using a suitable heat sink.

2. MOUNTING SYSTEMS

On the resistor's body (as per drawing) three special grooves are placed to contain, without the possibility to turn, M4 nuts suitable to fasten the resistor in several ways. However the resistor can be supplied with the following brackets





N. 590370

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DATA SHEET

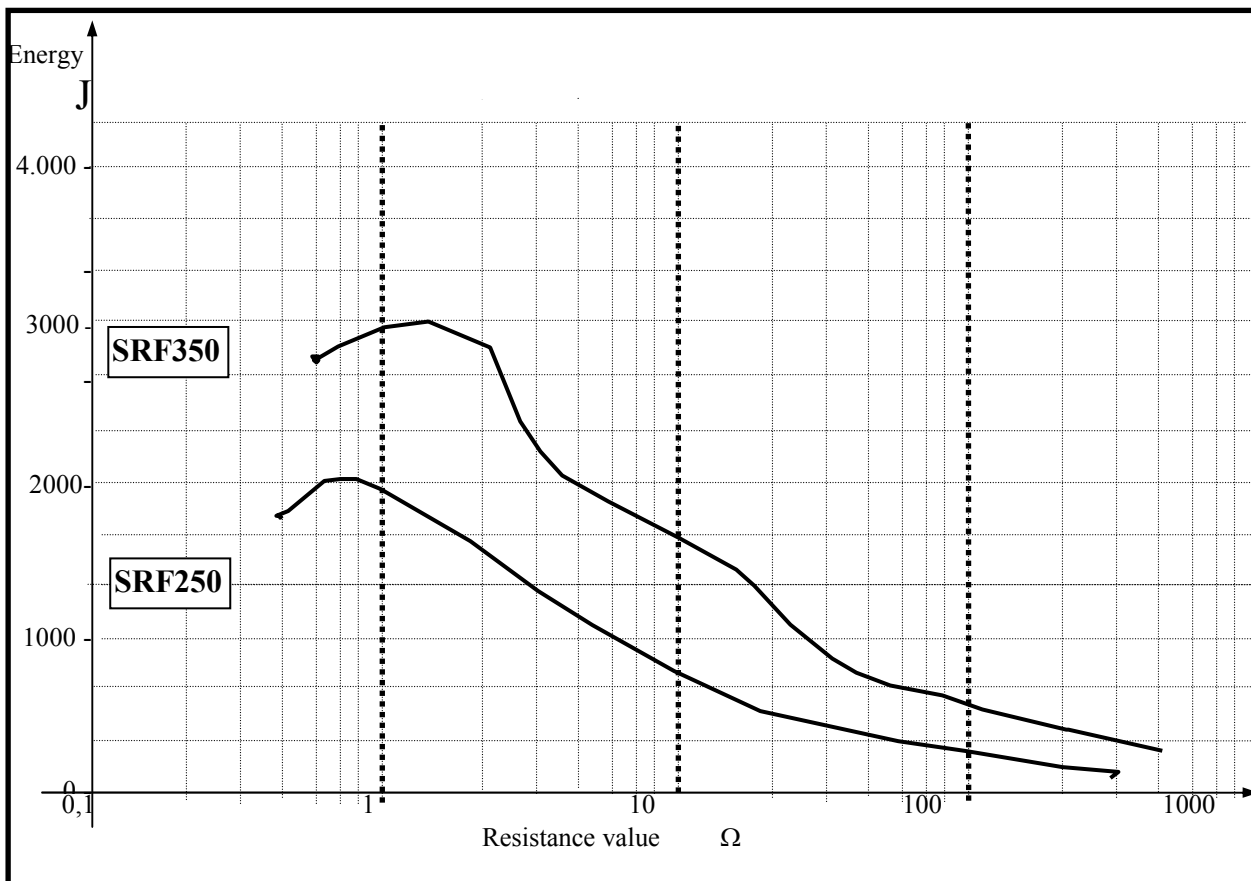
Approval Walter Cerutti
Verified Mauro Pellegatta
Revision 1 15/10/01

Emission DT 16.10.1996

2. ELECTRICAL SPECIFICATIONS

Characteristics	SRF250	SRF350
Power rating (Pr)	250 W	350 W
Temperature rise @ Pr	380°C	380°C
Max. power on 0,7°/W heat sink	300 W	400 W
Max. power on water cooled heat sink	400 W	500 W
Absorbed energy @ 250°C ΔT	18.000 J	24.000 J
Absorbed energy in 5'' overload	6.500 J	9.000 J
Resistance range	0,47 ÷ 300 Ω	0,68 ÷ 400 Ω
Resistance tolerance	±5%	±5%
Parasitic capacity from 1 to 100 kHz)	150	200
Max. working voltage	1.500 V	2.000 V
Insulation resistance @ 1000 VDC	≥1.000 MΩ	≥1.000 MΩ
Dielectric strength @ 50 Hz for 1'	4.000 Vrms	4.000 Vrms
Thermal time constant	14'	14'

3. Max. adiabatic impulse in relation to the resistance value

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