ENGLISH

Datasheet

RS*25* Aluminium Housed Resistors

Product details:

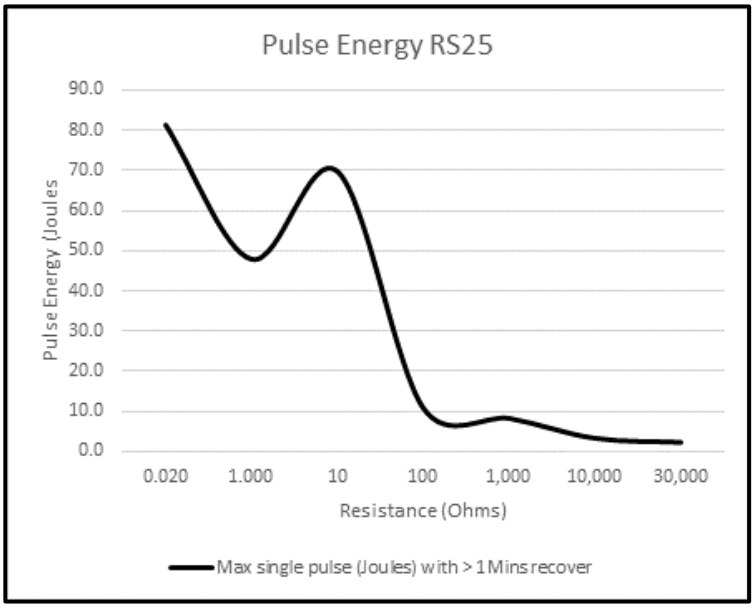
Manufactured in line with the requirements of MIL 18546 and IEC 115, designed for direct heatsink mounting with thermal compound to achieve maximum performance

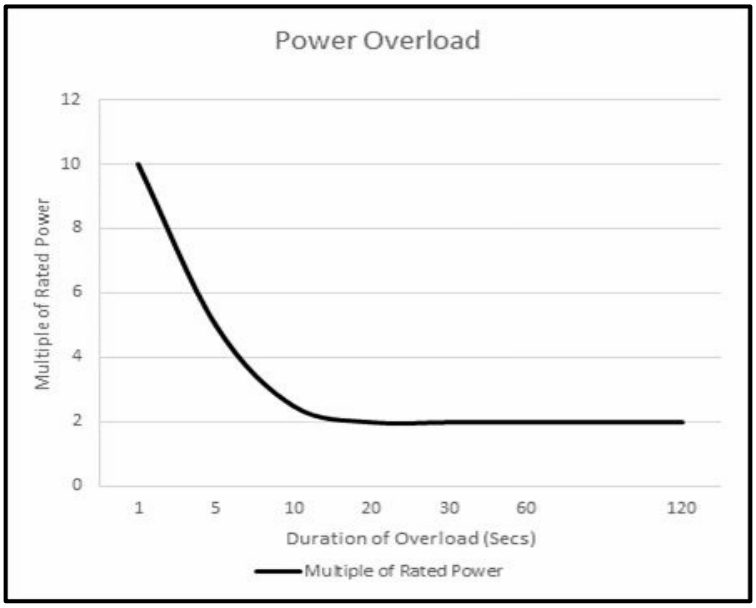
- High Power to volume
- Wound to maximise High Pulse Capability
- Values from R005 to 100K
- Custom designs welcome
- RoHS Compliant

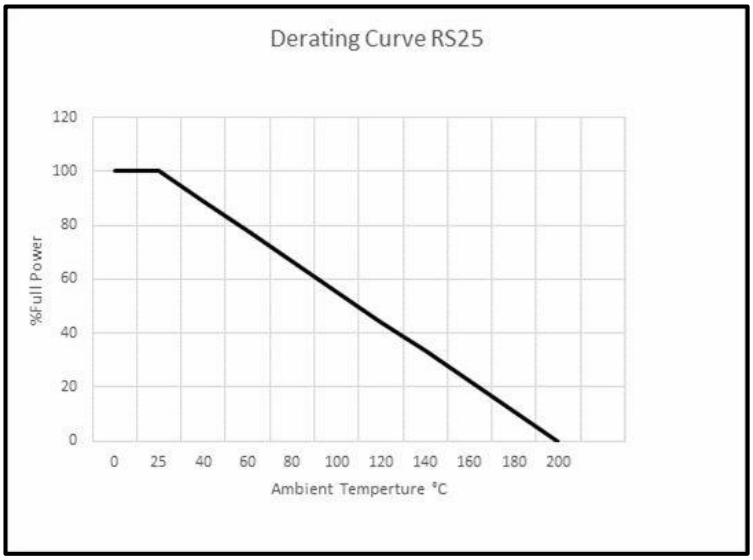
Heat dissipation:

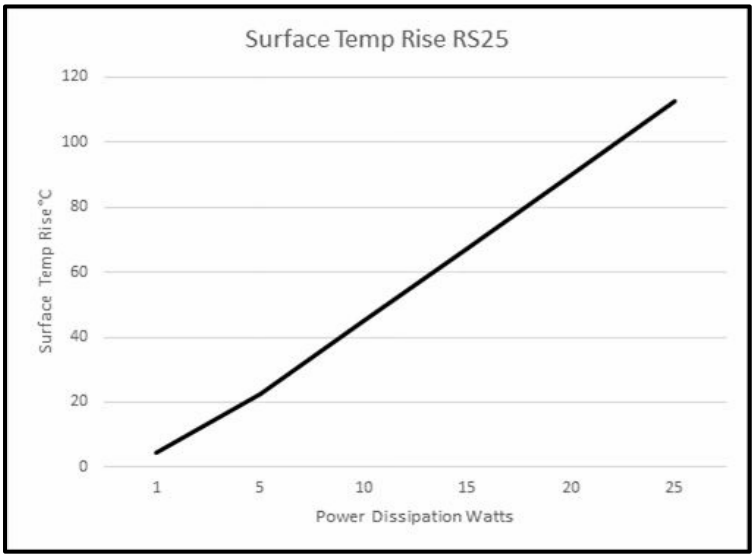
Whilst the use of proprietary heat sinks with lower thermal resistances is acceptable, uprating is not recommended. For maximum heat transfer it is recommended that a heat sink compound be applied between the resistor base and heat sink chassis mounting surface. It is essential that the maximum hot spot temperature of 200°C is not exceeded, therefore, the resistor must be mounted on a heat sink of correct thermal resistance for the power being dissipated.

Temp. Rise & Power Dissipation





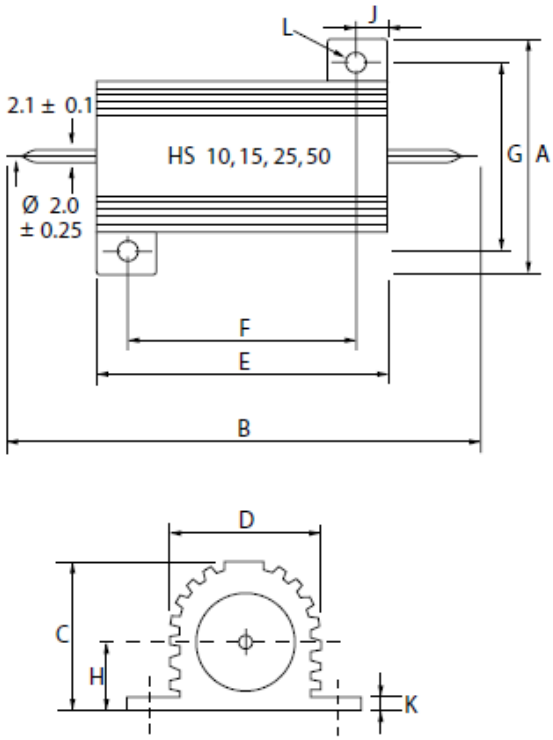




Specifications:

Style MIL-R 18546	RE 70
Power rating on std. heatsink @25°C	25
Watts with no heatsink @25°C	9
Resistance range	R005-36K
Limiting element voltage	550
Voltage proof AC Peak	3500
Voltage proof AC rms.	2500
Approx weight gms	14
Typical surface rise HS mounted	4.2
Standard heatsink	535 cm²
	1 mm

RS10-RS300 Standard:



Dimensions (mm):

Size	A Max	B Max	C Max	D Max	E Max	F±0.3	G±0.3	H Max	J Max	K Max	L ±0.25
RS25	28.0	51.0	14.8	14.2	27.3	18.3	19.8	7.7	5.2	2.6	3.2