

Power Ribbon Wire-Wound Resistors (QL/QRZG)



厚聲集團

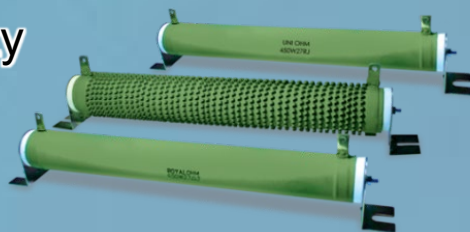


Features:

- High power load up to 2500W
- Good resistivity to short time overload
- High resistivity to heat in low TCR
- Too low or high ohmic value can supplied on a case to case basis
- Multi-terminal / variable types available by request

Application:

- Discharge Equipment
- Power load bank
- Tools that requires stability & reliability
- Industrial braking function
- EV Battery pack
- Drone charging station



IATF 16949
ISO 14001

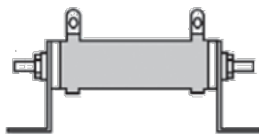
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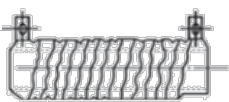
QH Type



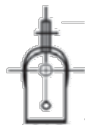
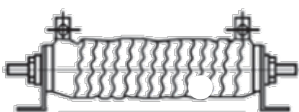
QL Type



QR Type



QRZG Type



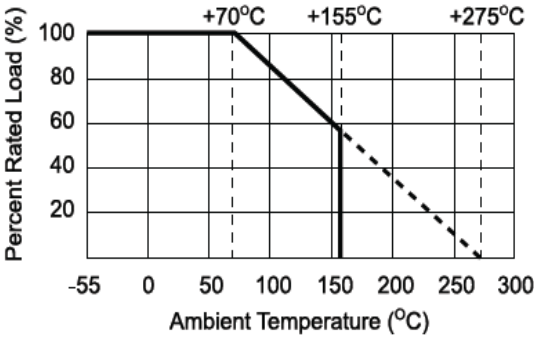
Operating temperature -55 ~ +155 °C

Type	Power Rating	Resistance Range	Tolerance
QH/QL	20W - 2500W	1Ω - 200K	5% ,10%
QR/QRZG Ribbon Wire	200W - 2500W	0.2Ω - 100Ω	5% ,10%

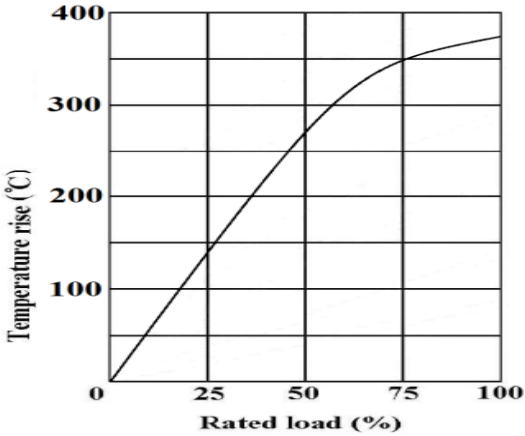
Electrical Characteristics

Temperature Coefficient	<20Ω : ± 400 PPM/°C Max. ≥20Ω : ± 300 PPM/°C Max.
Short Time Overload	2.5x rate power 5sec.
Load Life	70°C 1000Hr.
Insulation Resistance	DC 500V ≥20MΩ

Derating Curve



Temperature Rise Chart



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