

Resistors

Ultra - Precision - Metal Foil Resistor

MZH - series



- Temperature Coefficient 0ppm
- Metal Foil Resistive Element
- Excellent Long Term Stability
- Resistance Range from 100Ω to 100kΩ
- Ultra Precise, Tolerances ±0,005%
- Hermetically Sealed Housing

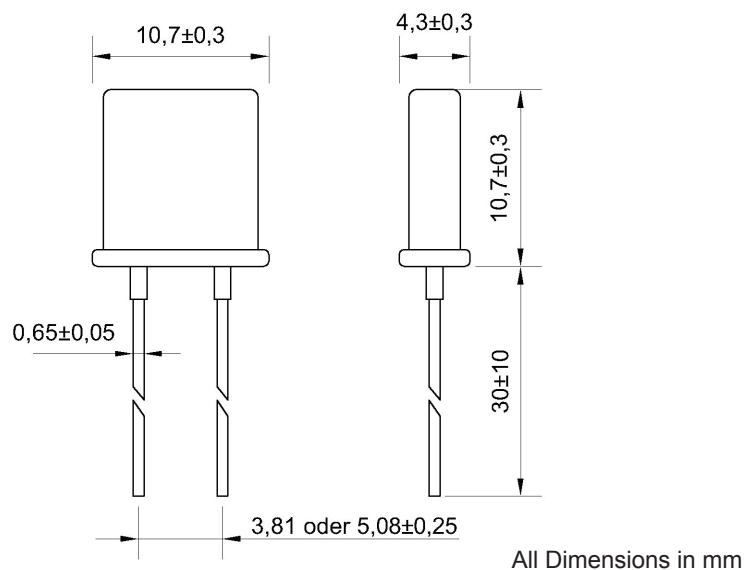
Specification

Resistance Range	100Ω - 100kΩ
Standard Tolerance	±0,005%; ±0,01% ±0,02%; ±0,05%; ±0,1%; ±1%
Temperature Coefficient	±0ppm (at 25°C Ambient Temperature)
Power (at 70°C)	0,3

Mechanical Data

Housing	Metal Enclosure, hermetically sealed
Resistance Element	Metal Foil Alloy
Carrier	AL ₂ O ₃
Leads	Copper, tin plated, with lead content <small>(Please note, this resistor is not lead free and not RoHS conform)</small>

Technical Drawing

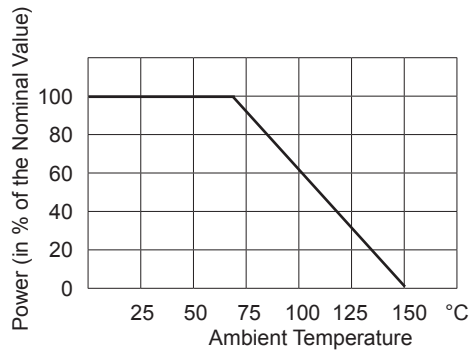


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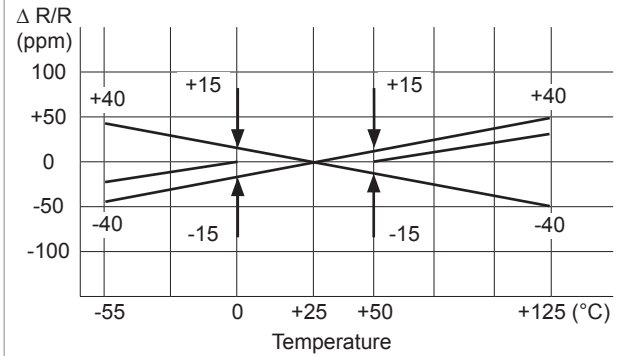
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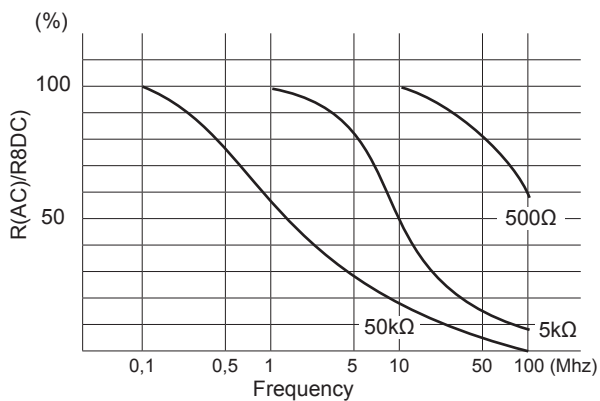
Power Derating Curve



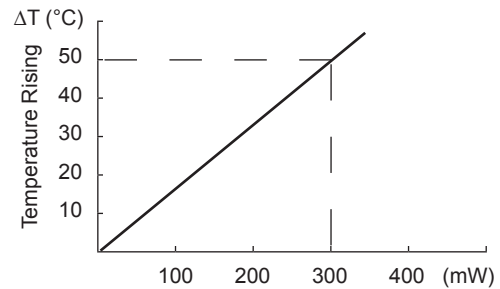
Temperature Characteristics



Frequeny Characteristics



Temperature of the Resistor Surface



Ordering Information

MZH	W0,1%	TK0	10k000	3,81
Type	Resistance Tolerance	Temperature Coefficient	Resistance Value	Lead Space
	0,005%; 0,01%; 0,02%, 0,05% 0,1%; 5%; 1%	0 ppm	(100Ω - 100kΩ)	(3,81mm) (5,08mm)