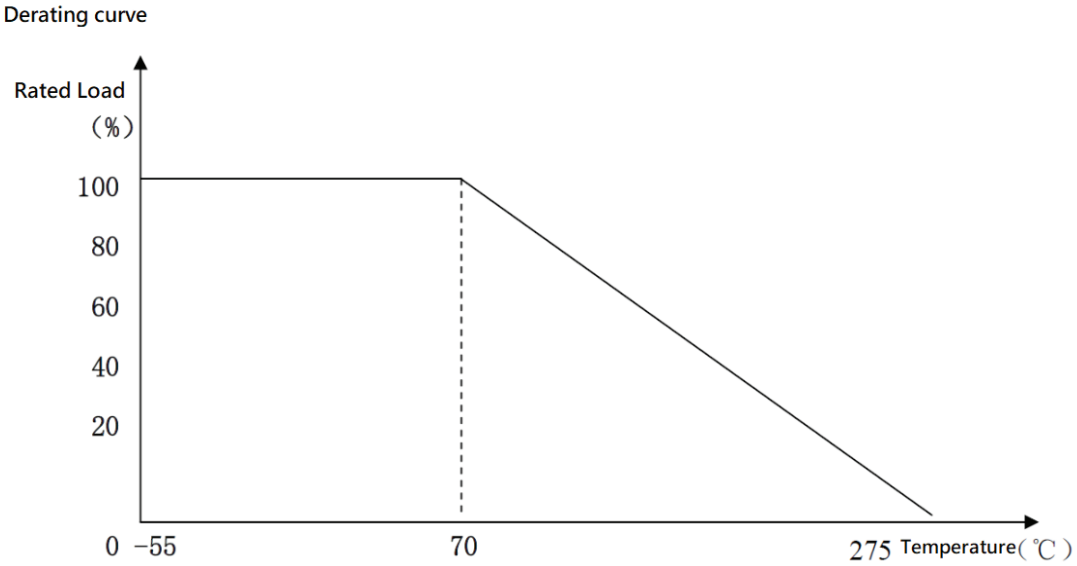
Precision Low Inductance Audio Grade Resistors

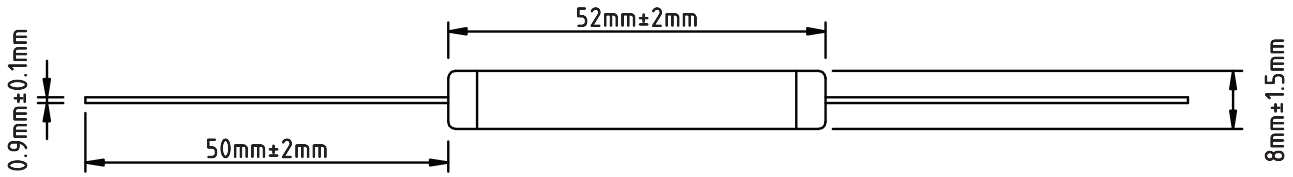
According to China National Standard
Fixed resistors for use in electronic equipment - generic specification
(GB/T5729-2003/IEC60115-1:2001)



When the ambient temperature rises from 70° C to 275° C, the resistor allows the load to be reduced from 100% of rated power to 0%

Characteristics

Test Item	Specifications	Test Method (GB/T529 IEC60115-1)
Solderability	Solder free flow	235° C ±5° C, 2s Slot welding
Terminal strength	△R≤± (1%R+0.05Ω)	≤4.3W 10N, ≥6W 20N
Overload	△R≤± (2%R+0.05Ω)	According 5 times rated power to the applied voltage for 5 seconds
Rapid change of temperature	△R≤± (1%R+0.05Ω)	θA=-55° C, θB=±200° C, 5 times circle
Bump	△R≤± (1%R+0.05Ω)	390m/s², 4000 times
Shock	△R≤± (2%R+0.05Ω)	490m/s², 11ms, 18 times
Vibrations	△R≤± (2%R+0.1Ω)	Frequency 10-500Hz, 98m/s², 6h
Temp—rise	<245° C	According rated power to the applied voltage.
Damp heat,steady state	△R≤± (5%R+0.1Ω)	Temp. 40±2° C, 56h
Endurance at room temperature	△R≤± (5%R+0.1Ω)	According rated power to the applied voltage for 1000h.



Product Details:

* **Temperature use range: -55°C ~ +155°C**
* **Resistance Precision: ±1% (F)**
* **Power: 10 W**
* **Single line wound around**

DAYTONAUDIO

daytonaudio.com

RevNo	Revision note	Date	Signature	Checked	Approved
1:					
2:					
3:					
4:					

Designed by	Checked by	Approved by	Date	Scale	Edition
AH	CP	BM	8/2023	None	A

Model:

Unit mm

Name: Dayton Audio Precision 10 W Low Inductance Resistor

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