



Features

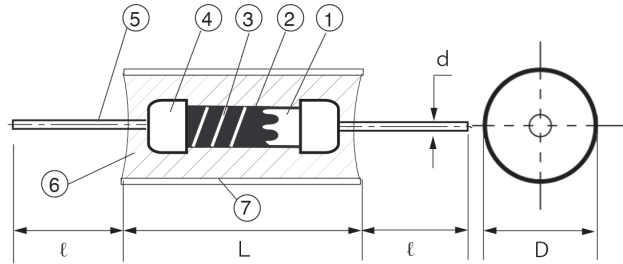
- Composite wirewound resistor with mixed characteristics of both carbon and metal resistors for dynamic and clear quality of sound
- Stable performance against heat and pulse voltage. Suitable for power supply of audio equipment
- New structure and material composition show supreme characteristics for heat dissipation

Type Designation

AMRW 5W 0.33Ω G

① ② ③ ④

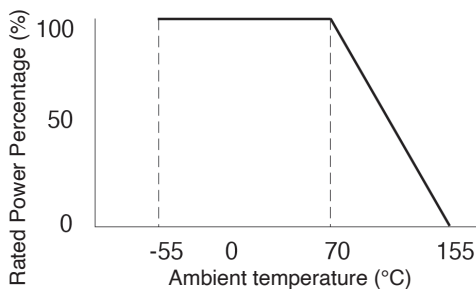
Specifications



①	Product name	AMRW
②	Power rating	5W
③	Rated resistance	0.1~1Ω
④	Resistance tolerance	G ±2%

Parts name	Description
①	Ceramic base Porcelain rod (Alumina)
②	Resistor film Carbon film
③	Resistance wire Alloy wire
④	Cap Copper plated brass
⑤	Lead wire Tin plated copper wire
⑥	Potting Composite of silicon and epoxy resin
⑦	Outer case Aluminum

Derating Curve



Dimensions

Type	L	D	ℓ	d
AMRW 5W	20.0 ± 0.5	10.0 ± 0.2	20 min.	0.78 ± 0.1

Rating

Type	Power Rating (W)	Max. Working Voltage (V)	Max. Overload Voltage (V)	Dielectric Withstanding Voltage (V)	Resistance Range (Ω)	Resistance Tolerance (%)	Rated Ambient Temp. (°C)	Operating Temp. Range (°C)
AMRW 5W	5	400	700	1000	0.1 ~ 1	G: ±2	+70	-55 ~ +155

Rated voltage shall be calculated by the formula of $\sqrt{(\text{Power rating}) \times (\text{Resistance value})}$, or Max. working voltage in this table, whichever is lower.

The maximum overload voltage shall be smaller one of either 2.5 times value of the rated voltage or the maximum overload voltage in this table.