

Features

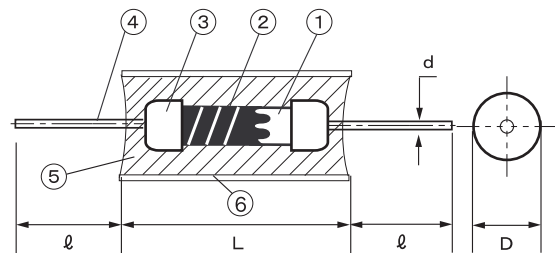
- ◆ Bright, Clear and Dynamic sound quality
- ◆ Reduce magnetic distortion with non-magnetic substances
- ◆ Low Noise by Excellent Heat Radiation
- ◆ RoHS compliant

Type Designation

$\frac{\text{AMRG}}{\text{①}}$ $\frac{3/4\text{W}}{\text{②}}$ $\frac{100\Omega}{\text{③}}$ $\frac{\text{F}}{\text{④}}$

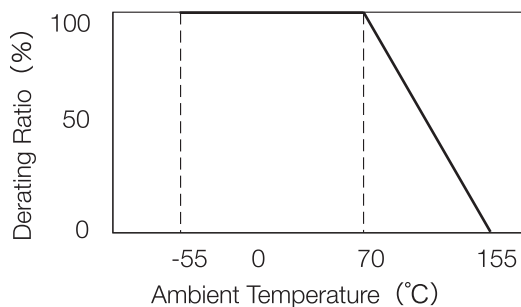
①	Product Type	AMRG
②	Power Rating	3/4W, 2W
③	Nominal Resistance	E-24 Series
④	Resistance Tolerance	F ±1%

Construction and Materials



Parts Name	Material
① Ceramic base	Porcelain rod (alumina)
② Resistor film	Carbon film
③ Cap	Copper plated brass
④ Lead wire	Gold plated lead free, And oxygen free copper wire
⑤ Potting	Highly thermal conductive resin
⑥ Outer case	Anodized aluminum

Derating Curve



Dimensions : Straight

Type	L	D	l	d
AMRG 3/4W	13.0 ± 0.3	6.0 ± 0.2	20min	0.7 ± 0.1
AMRG 2W	18.0 ± 0.3	8.0 ± 0.2	30min	0.8 ± 0.1

(mm)

Rating

Type	Power Rating (W)	Max. Working Voltage (V)	Max. Overload Voltage (V)	Dielectric Withstanding Voltage (V)	Resistance Range (Ω)	Rated Ambient Temp. (°C)	Operating Temp. Range (°C)
AMRG 3/4 W	0.75	350	700	700	10 ~ 1.5M	+70°C	-55~+155°C
AMRG 2 W	2	500	1000	1000	10 ~ 1.5M	+70°C	-55~+155°C

The rated voltage shall be calculated by square root ($E \times R$)

When this value exceeds a maximum working voltage given in table, this maximum working voltage shall taken as the rated voltage.

E ; rated voltage (V) P ; rated dissipation (W) R ; nominal resistance value (Ω)

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