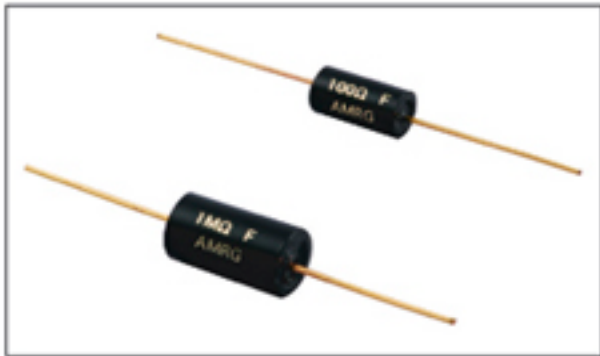


High • End Carbon Film Resistors for Audio Equipments

AMRG series



■ Features

- Clear and dynamic sound quality
- Reduce magnetic distortion with non-magnetic substance
- Excellent Heat Radiation
- Meets RoHS requirements

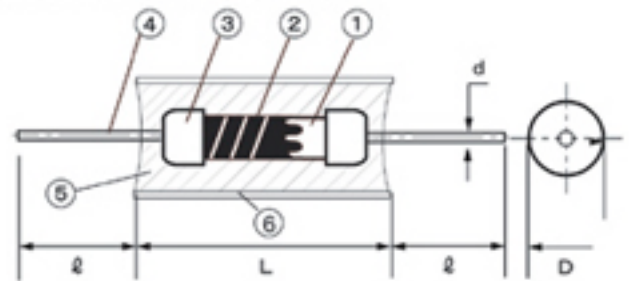
■ Type Designation

AMRG 3/4W 100Ω F T52

① ② ③ ④ ⑤

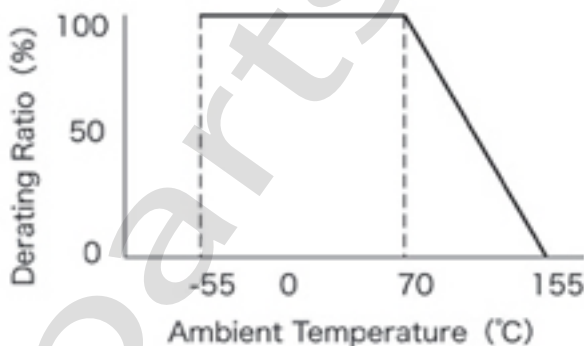
①	Product Type	
②	Power Rating	3/4W · 2W
③	Nominal Resistance	E - 24 Series
④	Resistance Tolerance	F ± 1%
⑤	Taping & Forming	Blank Straight, Bulk
		L Forming
		T Taping 52 Axial Taping 52mm

■ Construction and Materials



Parts Name	Material
① Ceramic base	Porcelain rod (alumina)
② Resistor film	Carbon film
③ Cap	Cupped 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

(mm)

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

■ 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	0.75	350	700	700	10 ~ 1.5M	+70°C	-55~+155°C
AMRG 2	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 the table, this maximum working voltage shall be taken as the rated voltage.

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