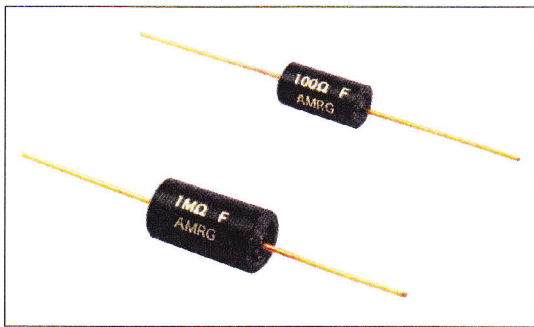


High · End Carbon Film Resistors for Audio Equipments

AMRG series



■ Features

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

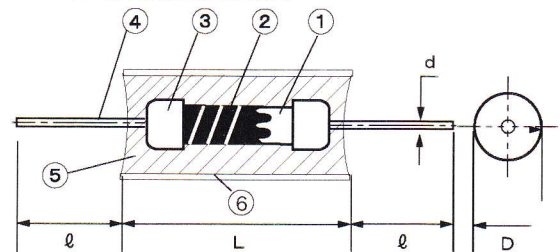
■ Type Designation

AMRG 3/4W 100Ω F T52

① ② ③ ④ ⑤

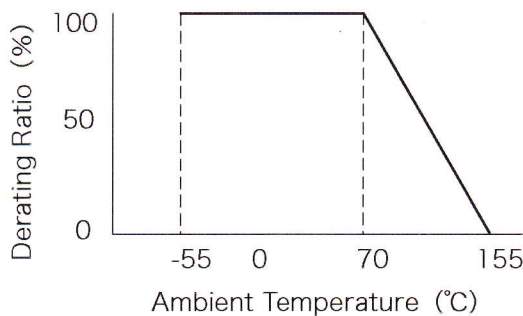
①	Product Type			
②	Power Rating	3/4W · 2W		
③	Nominal Resistance	E - 24 Series		
④	Resistance Tolerance	F	± 1 %	
⑤	Taping & Forming	Blank	Straight, Bulk	
		L	Forming	
	T	Taping	52	Axial Taping 52mm

■ 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 aluminm

■ Derating Curve



■ Dimensions : Straight

(mm)

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	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 squafre root($E \times R$)

When this value exceeds a maximum working voltage given in t able, this maximum working voltage shall taken sa the rated voltage.

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