

### Features

- ◆ Reduce magnetic distortion with non-magnetic substances
- ◆ Clear and Dynamic sound quality
- ◆ High anti-humidity characteristics with special insulation paint
- ◆ RoHS compliant

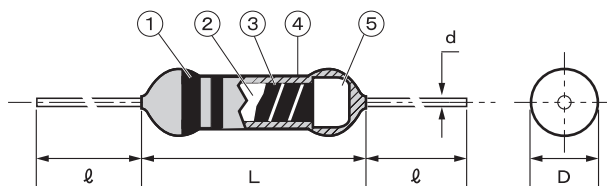
### Type Designation

AMRS 1/2W 100Ω J T26

①            ②            ③            ④            ⑤

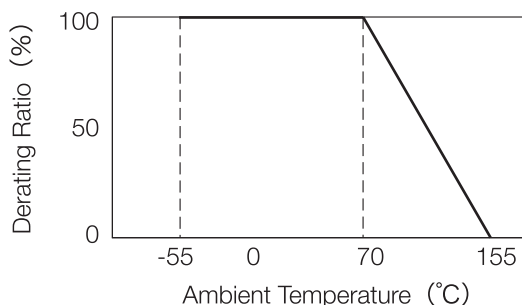
①	Product Type	AMRS	
②	Power Rating	1/4W, 1/2W	
③	Nominal Resistance	E-24 Series	
④	Resistance Tolerance	J	± 5 %
		G	± 2 %
		F	± 1 %
⑤	Taping & Forming	Blank	Straight, Bulk
		L	Forming with Kink
		M	Forming without Kink
		T26	Axial Taping 26mm (1/4W & 1/2W)
		T52	Axial Taping 52mm (1/2W only)
	U	Radial Taping	

### Construction and Materials



Parts Name	Material
① Color Code	Epoxy resin
② Ceramic base	Procelain rod (alumina)
③ Resistor film	Carbon film
④ Coating	Epoxy resin / Color : Blue
⑤ Terminal	Cap : Tin plated Brass
	Lead : Tin plated copper wire (OFC)

### Derating Curve



### Dimensions : Straight

Type	L	D	l	d
AMRS 1/4	6.6 ± 1.0	2.4 ± 0.4	27min	0.6 ± 0.1
AMRS 1/2	8.8 ± 1.0	2.8 ± 0.4	25min	0.7 ± 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)
AMRS 1/4W	0.25	300	600	500	10 ~ 1.5M	+70°C	-55 ~ +155°C
AMRS 1/2W	0.5	350	700	700	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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