



Features

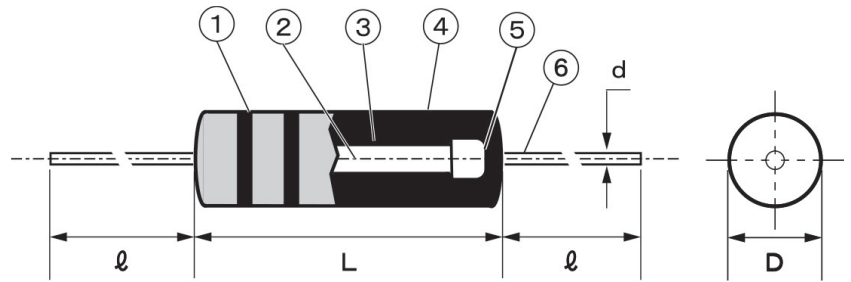
- New structure effectively controls vibration generated by inner materials
- Made of all non-magnetic substances to eliminate magnetic distortion characteristics
- High quality sound with excellent heat radiation and outstanding moisture resistance

Type Designation

AMRT 1/2W 100Ω J T26
 ① ② ③ ④ ⑤

①	Product name	AMRT	
②	Power rating	1/4W, 1/2W, 2W	
③	Nominal resistance	E-24	
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	

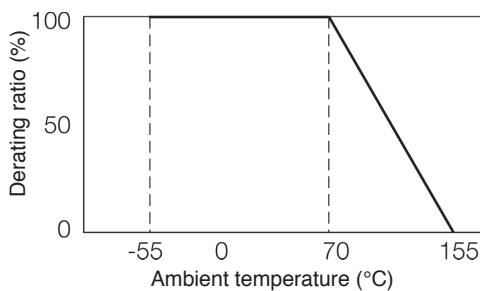
Specifications



	Parts name	Description
①	Color code	Epoxy resin
②	Ceramic base	Porcelain rod (alumina)
③	Resistor film	Carbon film
④	Coating	Epoxy resin / Color: Blue
⑤	Cap	Tin plated brass
⑥	Lead	Tin plated copper wire (OFC)

(values for straight lead type)

Derating Curve



Dimensions

(mm)

Type	L	D	ℓ	d
AMRT 1/4	6.6±1.0	2.4±0.4	27min	0.58±0.1
AMRT 1/2	8.8±1.0	2.8±0.4	25min	0.68±0.1
AMRT 2	11.8±1.0	4.8±0.5	34min	0.78±0.1

(values for straight lead type)

Rating

Type	Power Rating (W)	Max. Working Voltage (V)	Max. Overload Voltage (V)	Dielectric Withstanding Voltage (V)	Resistance Range (V)	Rated Ambient Temp. (°C)	Operating Temp. Range (°C)
AMRT 1/4W	0.25	300	600	500	10~1.5M	+70°C	-55~+155°C
AMRT 1/2W	0.5	350	700	700			
AMRT 2W	2.0	500	1000	1000			

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.

• Specifications are subject to change without prior notice.
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