



Features

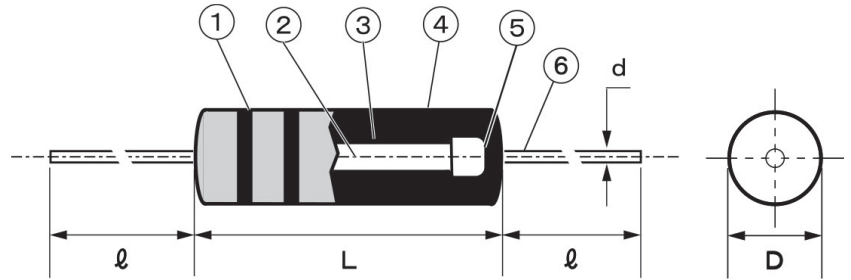
- New structure effectively controls oscillation generated by inner materials
- Made of all non-magnetic substances to eliminate magnetic distortion characteristics together with flame retardant coating
- High quality sound with excellent heat radiation and outstanding moisture resistant characteristics
- Gold plated OFC lead wire without nickel ground

Type Designation

AMRT 1/2W 100Ω J T26
 ① ② ③ ④ ⑤

①	Product name	AMRW	
②	Power rating	1/4W, 1/2W	
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	

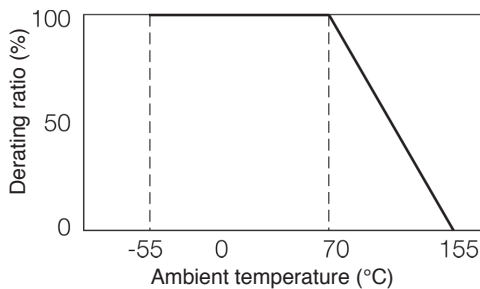
Specifications



Parts name	Description
①	Color code
②	Ceramic base
③	Resistor film
④	Coating
⑤	Cap
⑥	Lead

(values for straight lead type)

Derating Curve



Dimensions

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)	Resistance Range (Ω)	Rated Ambient Temp. (°C)	Operating Temp. Range (°C)
AMRT 1/4	0.25	300	600	10~1.5M	+70°C	-55~+155°C
AMRT 1/2	0.5	350	700			
AMRT 2	2.0	350	700			

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.

The max. intermittent overload voltage shall be smaller one of at either 3 times value of the rated voltage, or the maximum short time overload voltage in this table.

• Specifications are subject to change without prior notice.
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