



Features

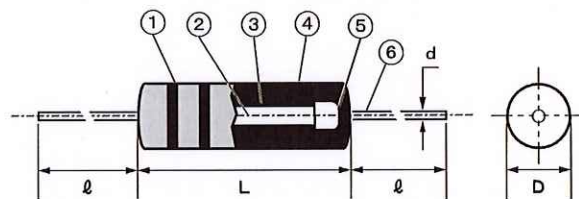
- New Structure for effectively controlling the natural vibration mode
- Reduce magnetic distortion without any magnetic material
- Clean, Vivid and Dynamic Unprecedented Sound
- High anti-humidity characteristics with special insulation resin
- RoHS compliant

Type Designation

AMRT 1/2W 100Ω J T26
 ① ② ③ ④ ⑤

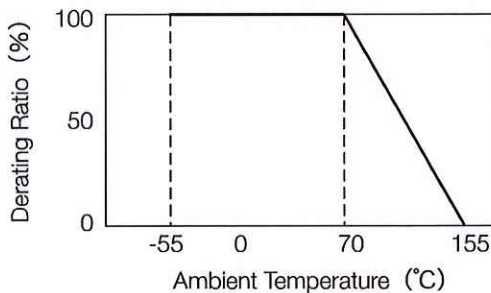
①	Product Type	AMRT	
②	Power Rating	1/4W, 1/2W	
③	Nominal Resistance	E-24 Series	
④	Resistance Tolerance	J	± 5 %
		G	± 2 %
		F	± 1 %
⑤	Taping & Forming	Blank	Straight, Bulk
		L	Forming with Kink
		M	Forming without Kink
		T26	Axial Taping 26mm (1/4W & 1/2W)
		T52	Axial Taping 52mm (1/2W only)
		U	Radial 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 Cap	Tin plated Brass
⑥ Lead	Tin plated copper wire (OFC)

Derating Curve



Dimensions : Straight

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

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)
AMRT 1/4	0.25	300	600	500	10 ~ 1.5M	+70°C	-55 ~ +155°C
AMRT 1/2	0.5	350	700	700	10 ~ 1.5M	+70°C	-55 ~ +155°C
AMRT 2	2.0	350	700	750	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)