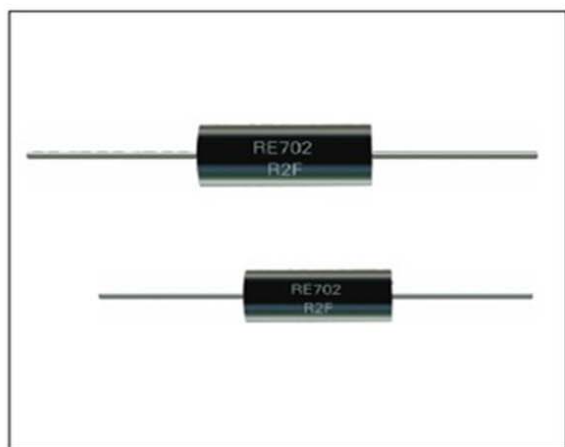
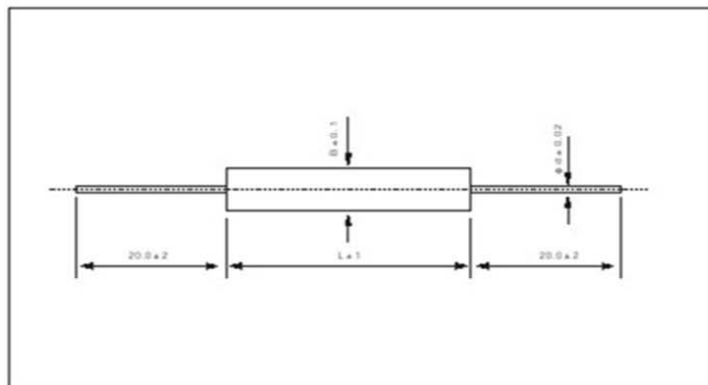


RE700 plastic encased power wire-wound resistors



Construction(mm)



Features

- Full molded construction
- High precision
- Moisture-proof

Applications

- Mostly used in numerical control machines;
- Power supply computerized embroidering machine;
- Precision meters and instruments;
- Used in all kinds of harsh working conditions.

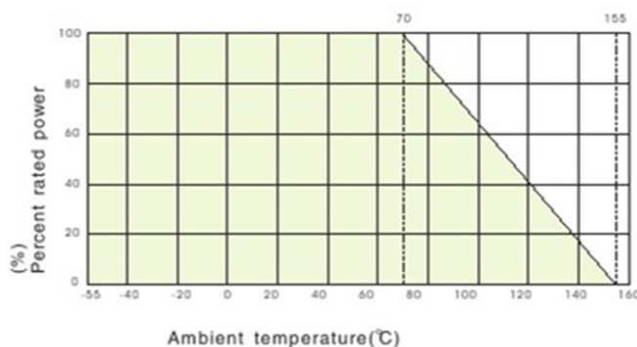
Reference Standards

Q/ATK068

Dimensions(mm)

Type	Dimensions(mm)		
	L	B	φ d
RE701	15.2	φ 6	φ 0.8
RE702	19.0	φ 7	φ 0.8
RE704	27.0	φ 9	φ 1.0
RE706	34.0	φ 10	φ 1.0
RE708	50.0	φ 10	φ 1.0

Derating Curve



RE700 plastic encased power wire-wound resistors



Technical Specifications

Type	Rated Power	Resistance Range		Tolerance	(ppm/°C) Temperature coefficient	Insulation voltage	Insulation resistance
		Min	Max				
RE701	1W	1R0	1K0	±1%(F) ±2%(G) ±5%(J) ±10%(K)	±100 ±250	500V	≥1GΩ
RE702	2W	1R0	3K3				
RE704	4W	1R0	5K1				
RE706	6W	1R0	10K				
RE708	8W	1R0	33K				

Performance

Test Item	Specifications	Test Methods
Load life	$\Delta R \leq \pm(5\%R + 0.1\Omega)$	70°C, P _n , 1000h
Dampheat, steady state	$\Delta R \leq \pm(5\%R + 0.1\Omega)$	40°C, RH93±3%, 500h
Terminal tensile strength	$\Delta R \leq \pm(1\%R + 0.05\Omega)$	50N, 1min
Leaching	$\Delta R \leq \pm(1\%R + 0.05\Omega)$	350°C ± 10°C, 3.5 ± 0.5S
Solderability	≥95%	235°C ± 5°C, 2 ± 0.5S

How To Order

Example

RE	701	1W	100Ω	±1%	±250ppm	box
Type	Style	Power	Nominal Value	Tolerance	TCR	Packaging
RE	701 702 704 706 708	1W 2W 4W 6W 8W	100Ω	±1% ±2% ±5% ±10%	±250ppm ±100ppm	box