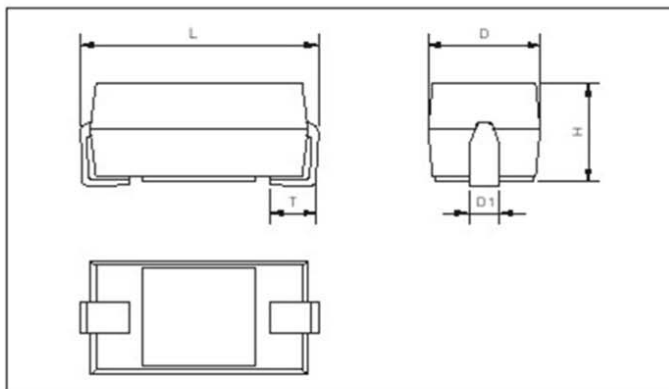




Construction



Features

- Full welded structure
- Full moulded structure
- SMD
- Excellent stability

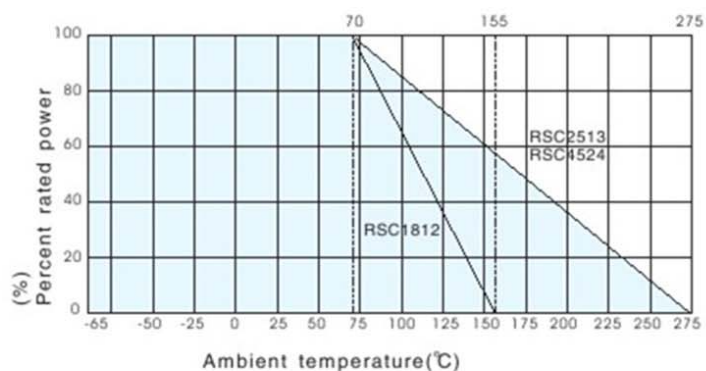
Dimensions(mm)

Type	L	D	H	T	D1
RSC1812	4.5 ± 0.3	3.2 ± 0.2	3.2 ± 0.2	1.0 ± 0.15	1.35 ± 0.25
RSC2513	6.35 ± 0.5	3.45 ± 0.25	3.45 ± 0.25	1.2 ± 0.25	1.37 ± 0.25
RSC4524	11.56 ± 0.5	6.10 ± 0.25	5.74 ± 0.25	1.58 ± 0.25	3.63 ± 0.25

Applications

- Mostly used in numerical control machines;
- Power supplied circuit;
- Precision meters and instruments;
- Used in all kinds of harsh working conditions.

Derating Curve



Reference Standards

Q/ATK086

■ Technical Specifications

Type	Power rating P_{70} (W)	Resistance range	Tolerances	TCR(ppm/°C)	TCR(ppm/°C)
RSC1812	0.5W	0.1 ~ 10	± 2% ± 5%	± 25	500V
RSC2513	1W	0.1 ~ 100		± 50	
RSC4524	2W	0.1 ~ 330		± 100	

Special specifications can be supplied in consultation with customers.

■ Performance

Test item	Specifications	Test Methods
Short time overload	$\Delta R \leq \pm (0.5\%R + 0.05 \Omega)$	$5P_n$, 5S
Rapid change of temperature	$\Delta R \leq \pm (0.5\%R + 0.05 \Omega)$	-55°C/155°C, 30min, 5次
Leaching	$\Delta R \leq \pm (0.5\%R + 0.05 \Omega)$	260 ± 3°C 10 ± 0.5S
Endurance	$\Delta R \leq \pm (2\%R + 0.1 \Omega)$	70°C P_n 1000h

■ How To Order

Example

RSC	1812	0.5W	10R	± 2%	± 25ppm	tape/bag
Type	Style	Power	Nominal Value	Tolerance	TCR	Packaging
RSC	1812 2513 4524	0.5W 1W 2W	10R	± 2% ± 5%	± 25ppm ± 50ppm ± 100ppm	tape bag

If no requirements for TCR and taping, the standard TCR (highest value in table) will be supplied and packaging is bulk.