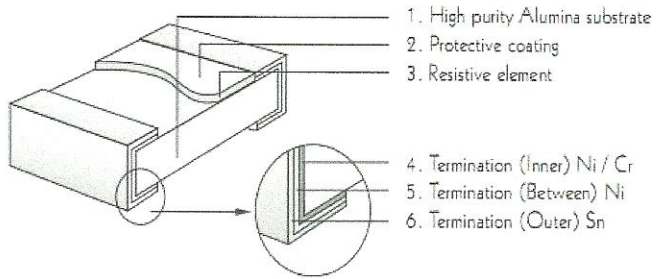
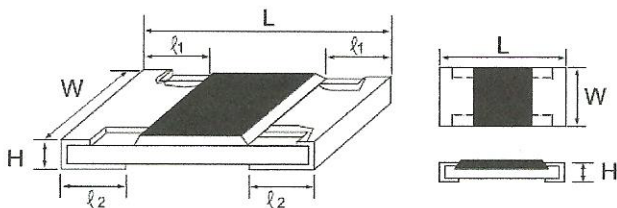


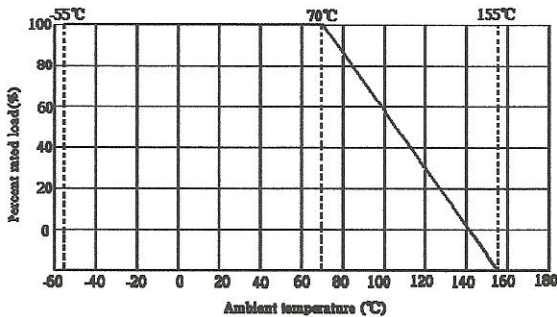
High Power Thick Film Chip Resistors

2512 up to 3W

Dimension



Derating Curve



Type	Max Working Voltage	Max Overload Voltage	Dielectric Withstanding Voltage	Operating Temperature Range
SP12	250V	500V	500V	-55~+155°C

Type	Power (70°C)	L (mm)	W (mm)	H (mm)	l1 (mm)	l2 (mm)	Resistance Range 1%(E96) - 5%(E24)
SP12	3W	6.35±0.10	3.20±0.15	1.10±0.10	0.60±0.25	1.80±0.20	1Ω~10M

Characteristic

Test Item	Standard	Test Item	Standard
Temperature Coefficient	1Ω ~ 10Ω: ≤±200ppm/°C 11Ω ~ 10MΩ: ≤±100ppm/°C	Temperature Cycling	±1%: ±(0.5%+0.1Ω) Max ±5%: ±(1.0%+0.1Ω) Max
Short Time Overload	±1%: ±(1.0%+0.1Ω)Max ±5%: ±(2.0%+0.1Ω)Max	Humidity (Steady State)	±1%: ±(1.0%+0.1Ω) Max ±5%: ±(3.0%+0.1Ω) Max
Terminal Bending	±(1.0%+0.05Ω)Max	Load Life in Humidity	±1%: ±(1.0%+0.1Ω) Max ±5%: ±(3.0%+0.1Ω) Max
Solderability	Min. 95%coverage	Load Life	±1%: ±(0.5%+0.1Ω) Max ±5%: ±(3.0%+0.1Ω) Max
Resistance to Soldering Heat	±(1.0%+0.05Ω) Max		



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