SC-2

Four Terminal / Surface Mount Wirewound Resistors



- **Resistances from 0.005 to 1kOhms**
- **Tolerance to ±0.005%**
- **TCR's to ± 5ppm/°C**
- **Superior Surge Handling Capability**
- **Up to 25A Current**
- **Reel Packaging**
- **Non-Inductive Windings are Available (Type SCN)**

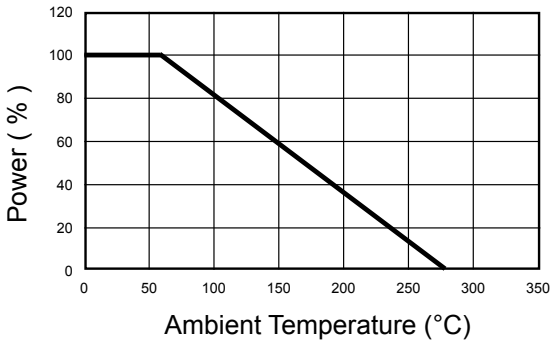
SPECIFICATIONS

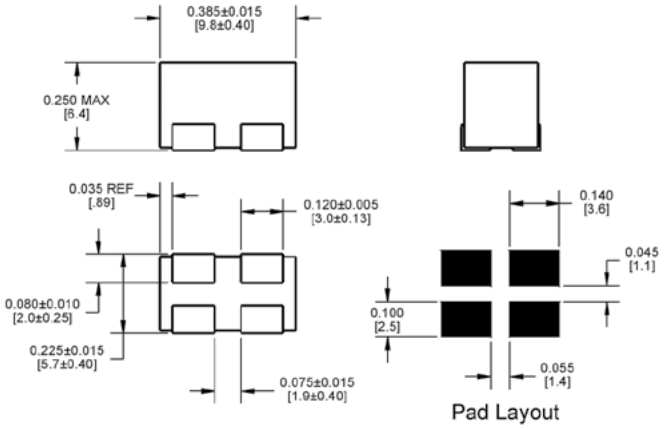
Type	Power Rating Watts @ 70°C	Maximum Current	Resistance Range (Ω)	Minimum Tolerance[1]	Minimum TC[1]
SC-2	2W	25A	0.005 to 1 1 to 10 10 to 100 >100	±0.1% ±0.05% ±0.01% ±0.005%	±30ppm/K ±20ppm/K ±10ppm/K ±5ppm/K

[1] Contact Factory for others.

Specification	Value	
Temperature Range	-55°C to +275°C	
Dielectric Strength	1000 VAC	
Insulation Resistance	>1000 MOhms / Dry	
Environmental Performance (MIL-STD 202)	ΔR	Test Conditions
Load Life	±1%	70°C / 90 min ON / 30 min OFF / 1000 hr
Moisture Resistance	±1%	40°C / 90-95% RH / DC 0.1W / 1000 hr
Temperature Cycling	±0.5%	-40°C for 30 min / +125°C for 30 min / 1000 hr
Short Term Overload	±0.5%	5X rated power for 5 seconds

Power Derating Curve





Ordering Information

For Non-Inductive Windings / insert the letter "N" (i.e. SCN-2)
Part Description: Part Type - Resistance - Tolerance - TCR (If not standard)
Example: SC-2 1 Ohm 0.1%