SF-2

Surface Mount / Precision Metal Film Resistors

RoHS compliant



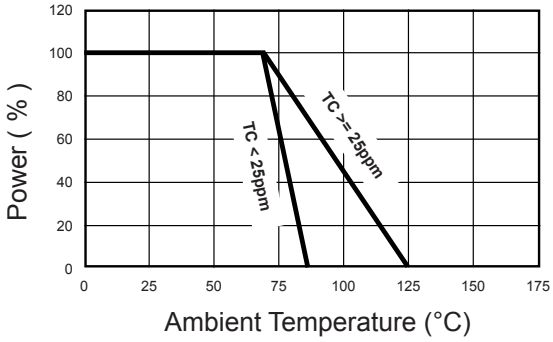
- **Resistances from 50 to 3MOhms**
- **Tolerance to ±0.1%**
- **TCR's to ± 5ppm/K**
- **Very Low Inductance**
- **Excellent Long Term Stability**

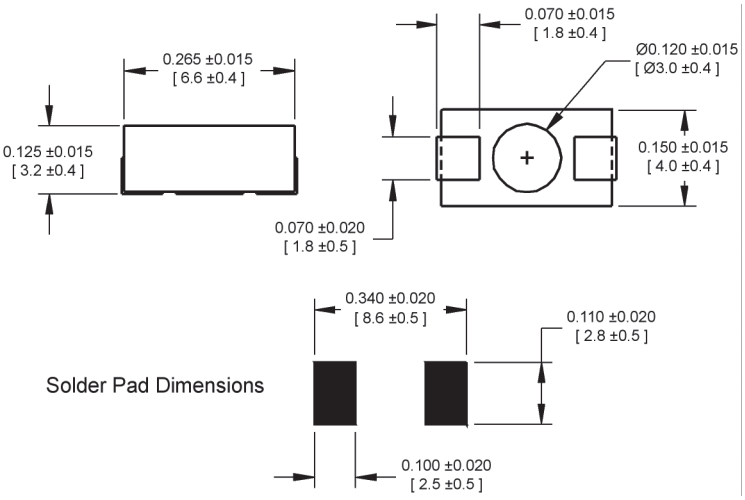
SPECIFICATIONS

Specification	Value
Resistance Range	50Ω to 3MΩ
Power Rating	1W ($T_{Ambient}$ = 70°C)
Temperature Range	-25°C to +125°C (TC >= 25ppm/K) -10°C to +85°C (TC < 25ppm/K)
Dielectric Strength	750 VAC
Insulation Resistance	>1000 MOhms / Dry
Voltage Coefficient	0.5 ppm/V (Max)

TCR (±ppm/K)	Resistances Available at these Tolerances				
	±0.05%	**±0.10%**	**±0.25%**	**±0.50%**	**±1%**
5	50Ω - 250KΩ	10Ω - 250KΩ	10Ω - 250KΩ	10Ω - 250KΩ	-
10	50Ω - 510KΩ	10Ω - 510KΩ	10Ω - 510KΩ	10Ω - 510KΩ	-
15	50Ω - 510KΩ	10Ω - 1MΩ	10Ω - 1.5MΩ	10Ω - 1.5MΩ	10Ω - 1.5MΩ
25	50Ω - 510KΩ	10Ω - 1MΩ	10Ω - 1.5MΩ	5Ω - 2MΩ	5Ω - 2MΩ
50	50Ω - 510KΩ	5Ω - 1MΩ	3Ω - 1.5MΩ	2Ω - 2MΩ	1Ω - 3MΩ

Power Derating Curve





Ordering Information

Part Number - Resistance - Tolerance - TCR
Example: SF-2 200 kOhm 0.1% 5ppm