

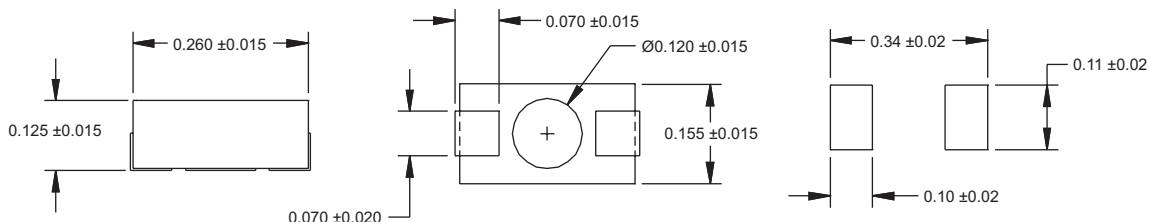
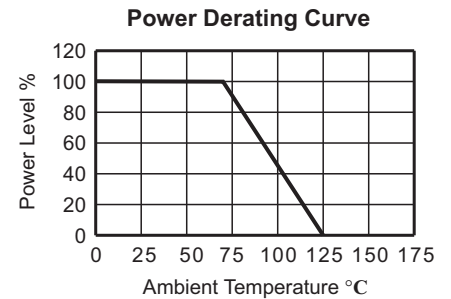
- Resistances from 50Ω to 3MΩ
- Resistance Tolerance to ±0.1%
- Low Temperature Coefficient to ±5ppm/°C
- Very Low Inductance
- Excellent Long Term Stability



Riedon's surface mount, metal film resistors are designed for demanding applications where emphasis is placed on minimum tolerances, lowest possible temperature coefficients, and exceptional long-term stability.

## SPECIFICATIONS

- Resistance Range** - 50Ω to 3MΩ
- Power Rating** - 1W (T<sub>ambient</sub> = 70°C)
- Resistance Tolerances** - ± 0.1%, 0.25%, 0.5%, 1%
- Temperature Coefficients** - ( See Chart )
- Element Voltage** - 300V Max.
- Insulation Voltage** - >750 V
- Insulation Resistance** - 10<sup>10</sup>Ω (Min.)
- Temperature Range** - -25°C to 125°C ( TC ≥ 25ppm/°C )  
-10°C to 85°C ( TC ≤ 15ppm/°C )
- Voltage Coefficient** - 0.5 x 10<sup>-6</sup> / V ( Max. )



Solder Pad Dimensions

**Ordering information:**

Part Number - Resistance - Tolerance - TCR

Example: **SF-2 - 200K Ohm - 0.1% - 5ppm**

TCR ( ±ppm/°C )	Resistances Available at these Tolerances				
	±0.05%	±0.10%	±0.25%	±0.50%	±1%
<b>5</b>	50 - 250K	10 - 250K	10 - 250K	10 - 250K	-
<b>10</b>	50 - 510K	10 - 510K	10 - 510K	10 - 510K	-
<b>15</b>	50 - 510K	10 - 1 M	10 - 1.5 M	10 - 1.5 M	10 - 1.5 M
<b>25</b>	50 - 510K	10 - 1 M	10 - 1.5 M	5 - 2 M	5 - 2 M
<b>50</b>	50 - 510K	5 - 1 M	3 - 1.5 M	2 - 2 M	1 - 3 M