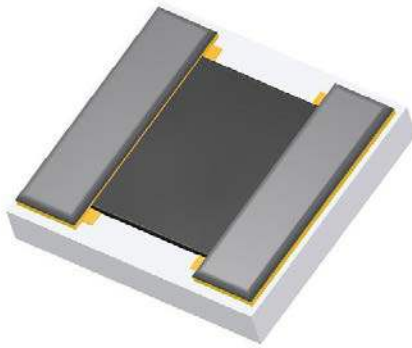


## RESISTOR, SMT .05 X .05, 5%, 1W



### General Specifications:

Resistive Element:	Au
Substrate:	5 mil Lapped BeO
Terminal Finish:	Au/Sn Solder over gold
Operating Temperature:	-55 °C TO 125 °C

### Electrical Specifications:

Resistance Value:	Multiple (see table 1)
Power:	1W
Temperature Coefficient (TCR) ppm/°C:	300/°C

**Note:** Tolerance is  $\pm$  unless otherwise specified. Designed to meet or exceed applicable portions of MIL-E-5400. Operation temperature (see chart for derating temperatures).

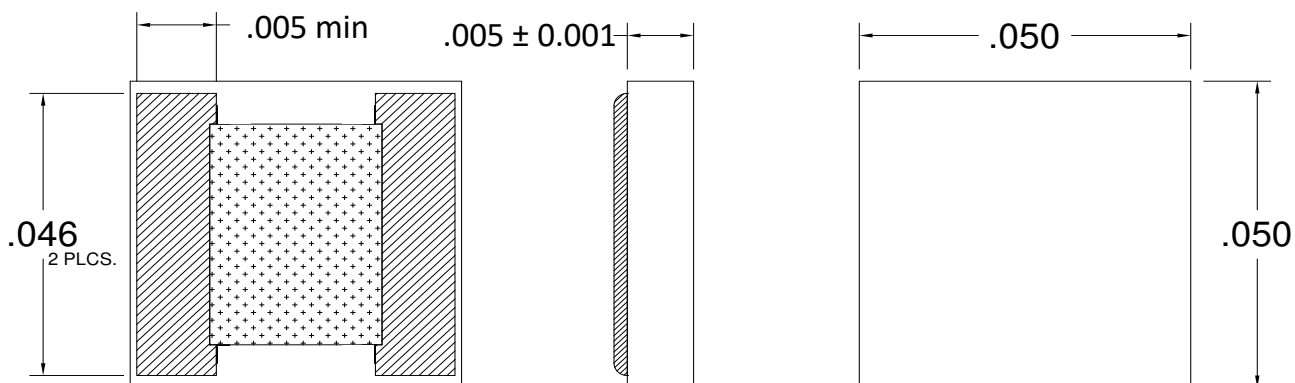
Specifications subject to change with out notice.

### Features

- 5 mil Lapped BeO
- Thick Film Construction
- Non-Nichrome Resistive Element
- Terminals:  
Au/Sn Solder over gold
- Solder Mount
- Resistance Tolerance 5%

### Outline Drawing:

Dimensions shown in inches  $\pm 0.002$  unless otherwise shown

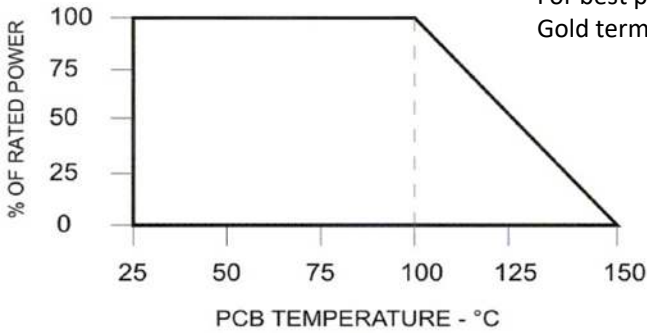


Available on Tape and Reel  
for Pick and Place Manufacturing

**Values:**

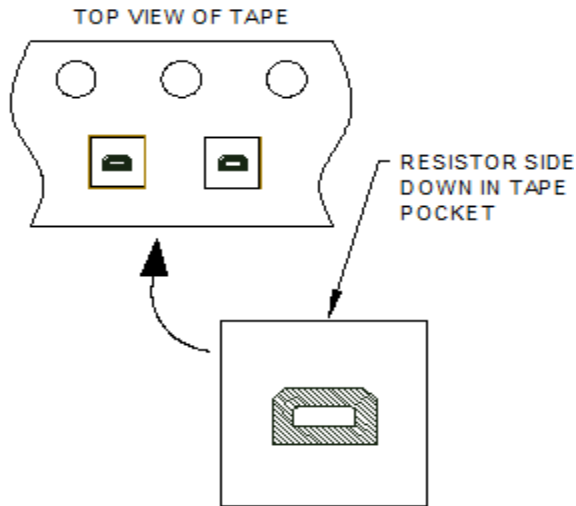
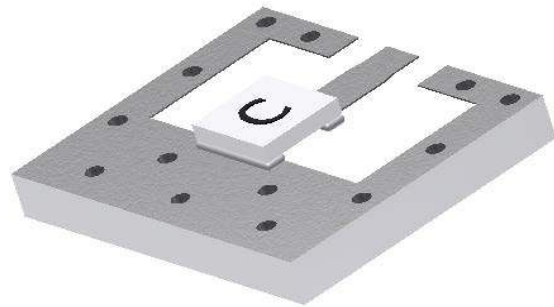
Table 1		
Part Number	Value (Ohms)	Tolerance
C1W131350R0J5A3	50	± 5 %
C1W13131000J5A3	100	± 5 %

**Power De-rating:**



**Suggested Mounting:**

For best RF performance, mount with epoxy, resistive side down.  
 For best power performance, epoxy or solder mount with backside pad down  
 Gold terminals are wire bondable.



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