

# Component General, Inc.

## ■ Microwave T-Pad Attenuators

### ■ MECHANICAL SPECIFICATIONS



Substrate: Beryllium Oxide Ceramic

Std. dB: Standard db values 3 -20 dB

Frequency Range: D.C. to 18 GHz dependent upon how the resistors are mounted and the mounting hardware's configuration.

Temperature Range: -55°C to +200°C.

high power t-pad attenuators product selection chart

P/N	Nominal Power	Disc Diameter	Rod Length	Disc Thickness	Rod Diameter
C62T250P	10 W	0.245" - 0.257"	0.370" - 0.382"	0.020" - 0.027"	0.060" - 0.066"
C135T375P	20 W	0.372" - 0.380"	0.493" - 0.509"	0.030" - 0.036"	0.120" - 0.130"

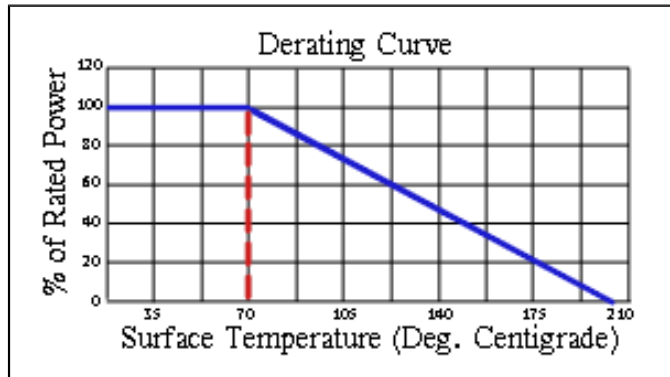
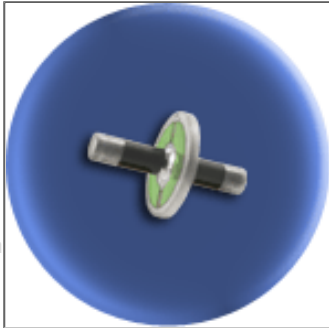
[Component General Inc.](http://www.ComponentGeneral.com)

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# Component General, Inc.

P/N:C62T250P

Microwave T-Pads



## Mechanical Specifications

### Substrate Material:

Beryllium Oxide Ceramic.

(Note: Letter "P" denotes Beryllium Oxide.)

### Terminals:

Rods: Terminal areas are Nickel / Tin plated which reduces oxidation thus providing a more solderable terminal

Discs: Terminal areas are Platinum Silver plated which reduces oxidation thus providing a more solderable terminal.

### Temperature Range :

-55°C to + 200°C.

### Temperature Coefficient :

Standard Temperature Coefficient is -200 to -300 PPM/°C.

## Electrical Specifications

### Attenuation Value:

3 - 20 dB.

### Load Life :

The maximum anticipated change in resistance is 1 % when operated at listed rating for 1,000 hours.

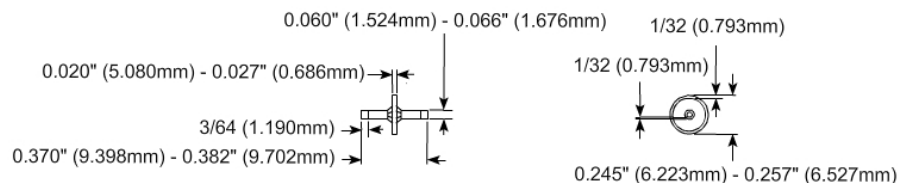
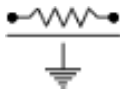
### Frequency Range :

D.C. to 18 GHz dependent upon how the resistors are mounted and the mounting Hardware's configuration.

### Nominal Power:

10 W.

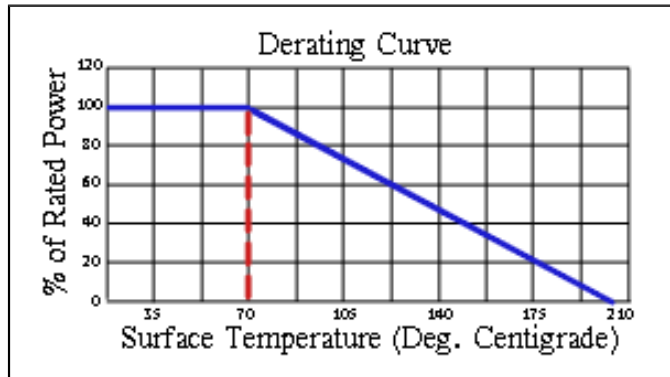
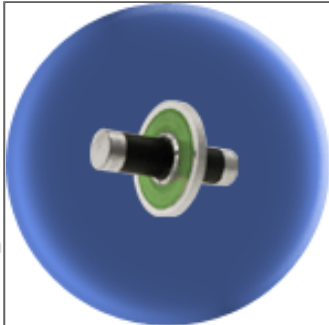
## Part Dimensions



# Component General, Inc.

P/N:C135T375P

Microwave T-Pads



## Mechanical Specifications

### Substrate Material:

Beryllium Oxide Ceramic.

(Note: Letter "P" denotes Beryllium Oxide.)

### Terminals:

Rods: Terminal areas are Nickel / Tin plated which reduces oxidation thus providing a more solderable terminal

Discs: Terminal areas are Platinum Silver plated which reduces oxidation thus providing a more solderable terminal.

### Temperature Range :

-55°C to + 200°C.

### Temperature Coefficient :

Standard Temperature Coefficient is - 200 to -300 PPM/°C.

## Electrical Specifications

### Attenuation Value:

3 - 30 dB

### Load Life :

The maximum anticipated change in resistance is 1 % when operated at listed rating for 1,000 hours.

### Frequency Range :

D.C. to 18 GHz dependent upon how the resistors are mounted and the mounting Hardware's configuration.

### Nominal Power:

20 W.

## Part Dimensions

