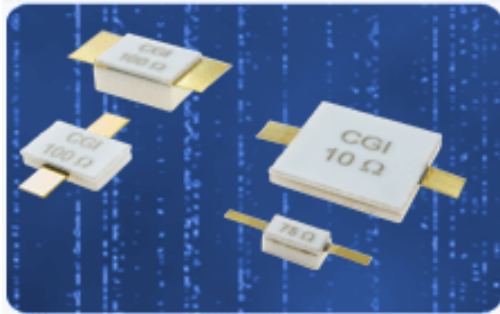


# Component General, Inc.

## ■ Stripline Chip Resistors

### ■ MECHANICAL SPECIFICATIONS



Substrate : Beryllium Oxide Ceramic.

Contact: Beryllium Copper - Gold Plated per MIL-G-45204

Covers : Alumina Ceramic.

Tolerance :  $\pm .010$ " Unless specified.

www.DataSheet4U.com

high power chip resistors product selection chart

| CGI P/N                    | Power  | Resistance (Ohms) | Standard Tolerance |
|----------------------------|--------|-------------------|--------------------|
| <a href="#">CCR-100-2</a>  | 62 W   | 10 - 1000         | 5 %                |
| <a href="#">CCR-100-2B</a> | 40 W   | 10 - 1000         | 5 %                |
| <a href="#">CCR-230-1</a>  | 150 W  | 10 - 1000         | 5 %                |
| <a href="#">CCR-230-2</a>  | 40 W   | 10 - 1000         | 5 %                |
| <a href="#">CCR-250-1</a>  | 170 W  | 10 - 1000         | 5 %                |
| <a href="#">CCR-250-1B</a> | 80 W   | 10 - 1000         | 5 %                |
| <a href="#">CCR-250-2</a>  | 330 W  | 10 - 1000         | 5 %                |
| <a href="#">CCR-250-2B</a> | 100 W  | 10 - 1000         | 5 %                |
| <a href="#">CCR-250-2C</a> | 160 W  | 10 - 1000         | 5 %                |
| <a href="#">CCR-375-1</a>  | 350 W  | 10 - 1000         | 5 %                |
| <a href="#">CCR-375-1B</a> | 250 W  | 10 - 1000         | 5 %                |
| <a href="#">CCR-500-1</a>  | 500 W  | 10 - 1000         | 5 %                |
| <a href="#">CCR-625-1</a>  | 700 W  | 10 - 1000         | 5 %                |
| <a href="#">CCR-625-2</a>  | 180 W  | 10 - 1000         | 5 %                |
| <a href="#">CCR-1000-1</a> | 1000 W | 10 - 1000         | 5 %                |

[Component General Inc.](#)

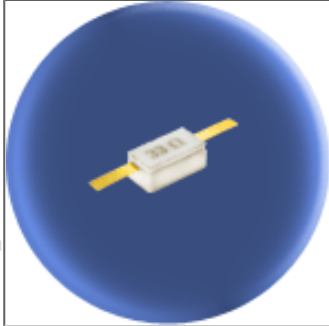
2445 Success Drive Odessa, FL 33556 Phone: 727-376-6655 or 800-246-4084

www.DataSheet4U.com

# Component General, Inc.

P/N: CCR-100-2

Stripline Chip W/Cover Resistors



## Mechanical Specifications

### Substrate:

Beryllium Oxide Ceramic.

### Contact:

Beryllium Copper, Gold Plated per MIL-G-45204.

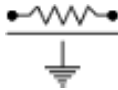
Length: 0.125" Min., Width: 0.040", Thickness 0.004"  $\pm$  0.002".

### Covers:

Alumina Ceramic.

### Tolerance:

$\pm$  0.010" unless specified.



Note: Power is based on infinite and ideal heat sink with the heat sink at 100°C

## Electrical Specifications

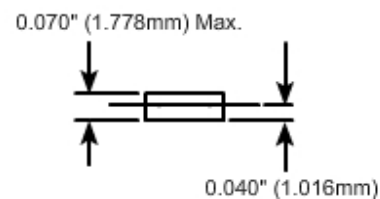
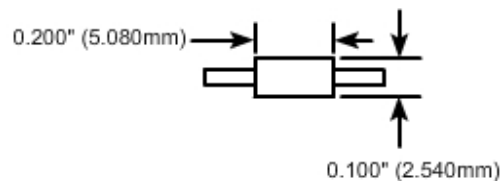
### Resistance Value:

10 - 1000  $\Omega$  or as required. Other values available upon request.

### Standard Resistance Tolerance:

$\pm$  5% Other tolerances available upon request.

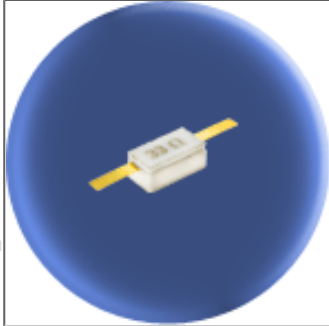
## Part Dimensions



# Component General, Inc.

P/N: CCR-100-2B

Stripline Chip W/Cover Resistors



## Mechanical Specifications

### Substrate:

Beryllium Oxide Ceramic.

### Contact:

Beryllium Copper, Gold Plated per MIL-G-45204.

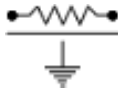
Length: 0.125" Min., Width: 0.040", Thickness 0.004"  $\pm$  0.002".

### Covers:

Alumina Ceramic.

### Tolerance:

$\pm$  0.010" unless specified.



Note: Power is based on infinite and ideal heat sink with the heat sink at 100°C

## Electrical Specifications

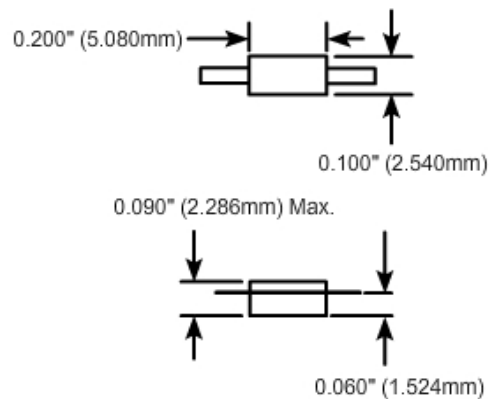
### Resistance Value:

10 - 1000  $\Omega$  or as required. Other values available upon request.

### Standard Resistance Tolerance:

$\pm$  5% Other tolerances available upon request.

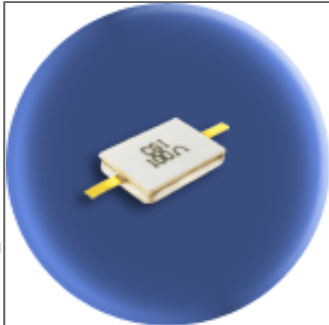
## Part Dimensions



# Component General, Inc.

P/N: CCR-230-1

Stripline Chip W/Cover Resistors



## Mechanical Specifications

### Substrate:

Beryllium Oxide Ceramic.

### Contact:

Beryllium Copper, Gold Plated per MIL-G-45204.

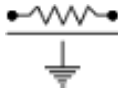
Length: 0.125" Min., Width: 0.040", Thickness 0.004"  $\pm$  0.002".

### Covers:

Alumina Ceramic.

### Tolerance:

$\pm$  0.010" unless specified.



Note: Power is based on infinite and ideal heat sink with the heat sink at 100°C

## Electrical Specifications

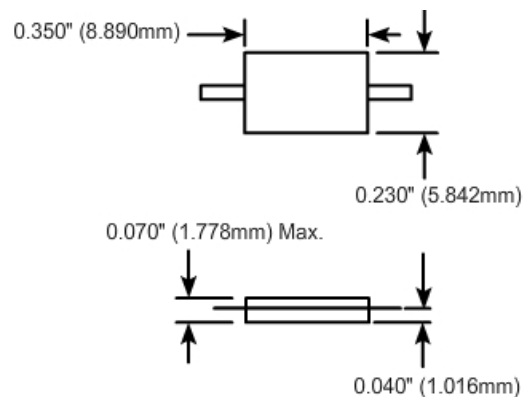
### Resistance Value:

10 - 1000  $\Omega$  or as required. Other values available upon request.

### Standard Resistance Tolerance:

$\pm$  5% Other tolerances available upon request.

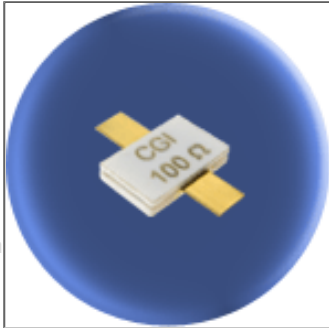
## Part Dimensions



# Component General, Inc.

P/N: CCR-230-2

Stripline Chip W/Cover Resistors



## Mechanical Specifications

### Substrate:

Beryllium Oxide Ceramic.

### Contact:

Beryllium Copper, Gold Plated per MIL-G-45204.

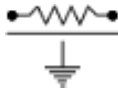
Length: 0.125" Min., Width: 0.120", Thickness 0.004"  $\pm$  0.002".

### Covers:

Alumina Ceramic.

### Tolerance:

$\pm$  0.010" unless specified.



Note: Power is based on infinite and ideal heat sink with the heat sink at 100°C

## Electrical Specifications

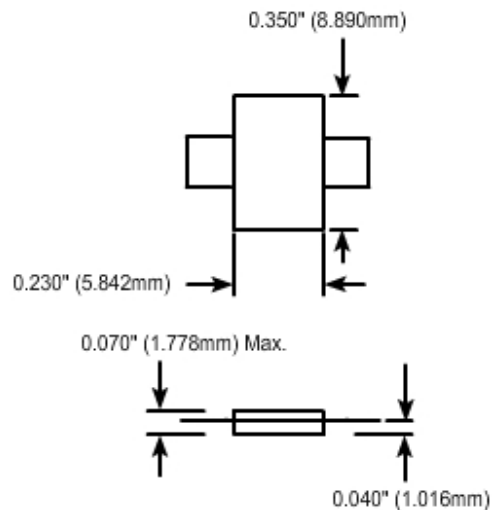
### Resistance Value:

10 - 1000  $\Omega$  or as required. Other values available upon request.

### Standard Resistance Tolerance:

$\pm$  5% Other tolerances available upon request.

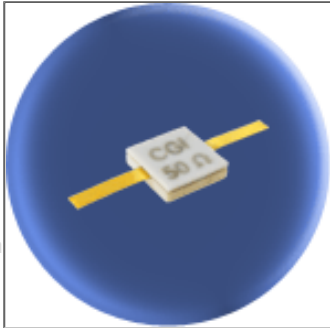
## Part Dimensions



# Component General, Inc.

P/N: CCR-250-1

Stripline Chip W/Cover Resistors



## Mechanical Specifications

### Substrate:

Beryllium Oxide Ceramic.

### Contact:

Beryllium Copper, Gold Plated per MIL-G-45204.

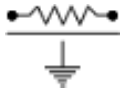
Length: 0.250" Min., Width: 0.060", Thickness 0.004"  $\pm$  0.002".

### Covers:

Alumina Ceramic.

### Tolerance:

$\pm$  0.010" unless specified.



Note: Power is based on infinite and ideal heat sink with the heat sink at 100°C

## Electrical Specifications

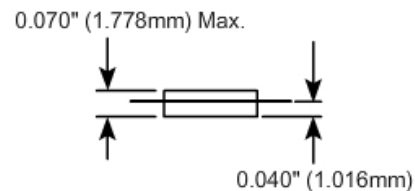
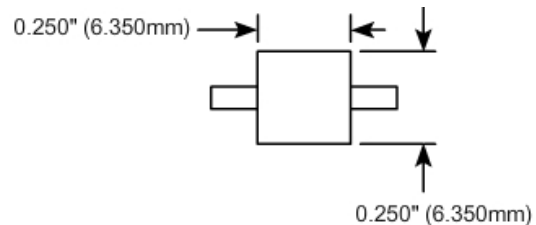
### Resistance Value:

10 - 1000  $\Omega$  or as required. Other values available upon request.

### Standard Resistance Tolerance:

$\pm$  5% Other tolerances available upon request.

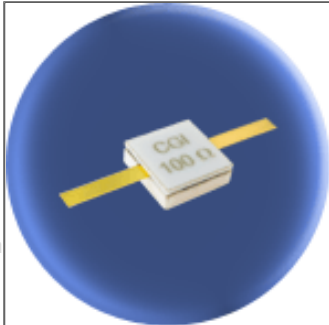
## Part Dimensions



# Component General, Inc.

P/N: CCR-250-1B

Stripline Chip W/Cover Resistors



## Mechanical Specifications

### Substrate:

Beryllium Oxide Ceramic.

### Contact:

Beryllium Copper, Gold Plated per MIL-G-45204.

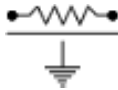
Length: 0.250" Min., Width: 0.060", Thickness 0.004"  $\pm$  0.002".

### Covers:

Alumina Ceramic.

### Tolerance:

$\pm$  0.010" unless specified.



Note: Power is based on infinite and ideal heat sink with the heat sink at 100°C

## Electrical Specifications

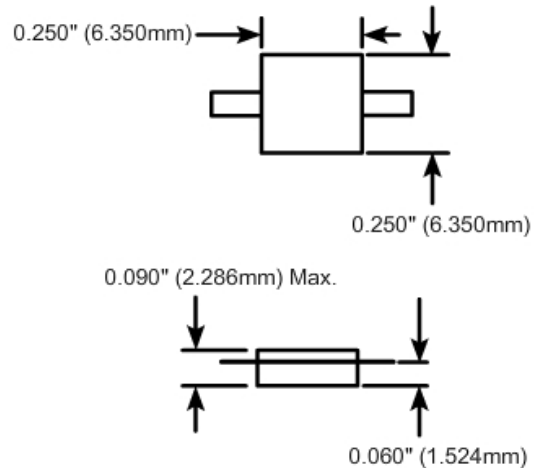
### Resistance Value:

10 - 1000  $\Omega$  or as required. Other values available upon request.

### Standard Resistance Tolerance:

$\pm$  5% Other tolerances available upon request.

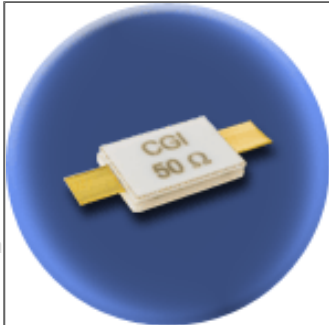
## Part Dimensions



# Component General, Inc.

P/N: CCR-250-2

Stripline Chip W/Cover Resistors



## Mechanical Specifications

### Substrate:

Beryllium Oxide Ceramic.

### Contact:

Beryllium Copper, Gold Plated per MIL-G-45204.

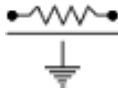
Length: 0.125" Min., Width: 0.120", Thickness 0.004"  $\pm$  0.002".

### Covers:

Alumina Ceramic.

### Tolerance:

$\pm$  0.010" unless specified.



Note: Power is based on infinite and ideal heat sink with the heat sink at 100°C

## Electrical Specifications

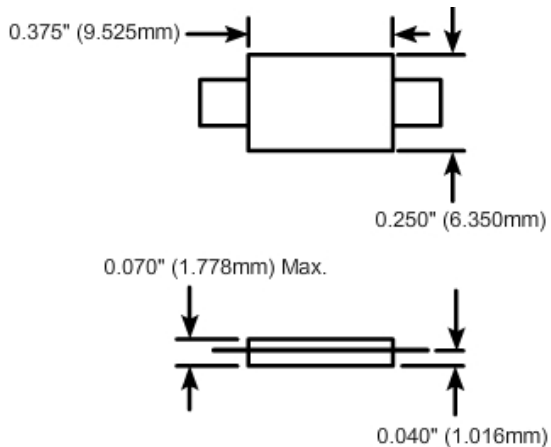
### Resistance Value:

10 - 1000  $\Omega$  or as required. Other values available upon request.

### Standard Resistance Tolerance:

$\pm$  5% Other tolerances available upon request.

## Part Dimensions

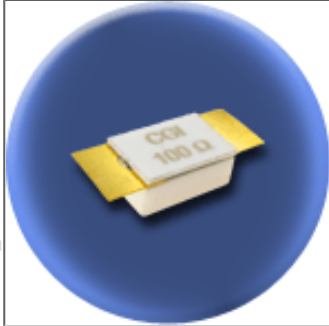




# Component General, Inc.

P/N: CCR-250-2B

Stripline Chip W/Cover Resistors



## Mechanical Specifications

### Substrate:

Beryllium Oxide Ceramic.

### Contact:

Beryllium Copper, Gold Plated per MIL-G-45204.

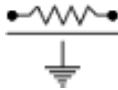
Length 0.125" Min., Width 0.250", Thickness 0.004 ± 0.002".

### Covers:

Alumina Ceramic.

### Tolerance:

± 0.010" unless specified.



Note: Power is based on infinite and ideal heat sink with the heat sink at 100°C

## Electrical Specifications

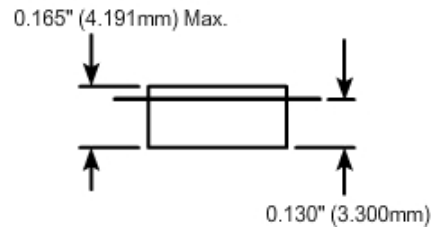
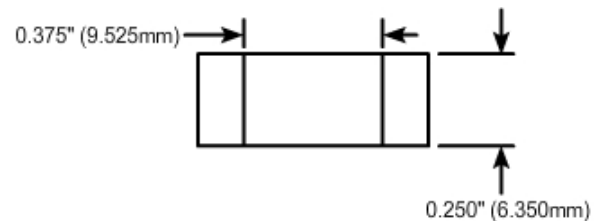
### Resistance Value:

10 - 1000 Ω or as required. Other values available upon request.

### Standard Resistance Tolerance:

± 5% Other tolerances available upon request.

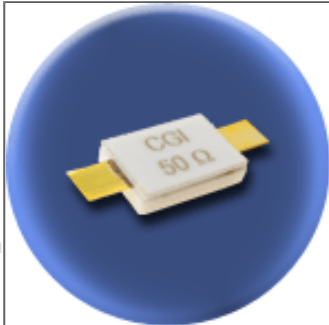
## Part Dimensions



# Component General, Inc.

P/N: CCR-250-2C

Stripline Chip W/Cover Resistors



## Mechanical Specifications

### Substrate:

Beryllium Oxide Ceramic.

### Contact:

Beryllium Copper, Gold Plated per MIL-G-45204.

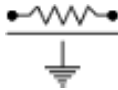
Length: 0.125" Min., Width: 0.120", Thickness 0.004"  $\pm$  0.002".

### Covers:

Alumina Ceramic.

### Tolerance:

$\pm$  0.010" unless specified.



Note: Power is based on infinite and ideal heat sink with the heat sink at 100°C

## Electrical Specifications

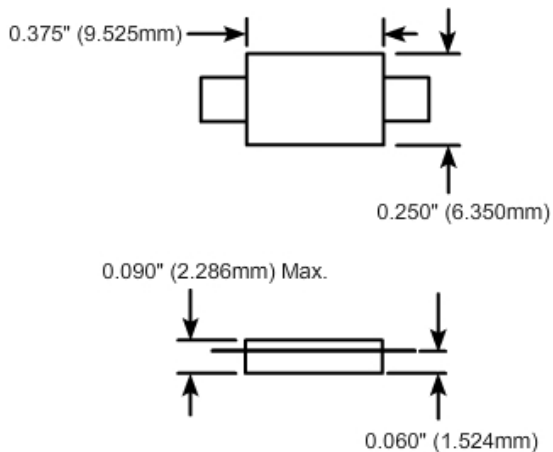
### Resistance Value:

10 - 1000  $\Omega$  or as required. Other values available upon request.

### Standard Resistance Tolerance:

$\pm$  5% Other tolerances available upon request.

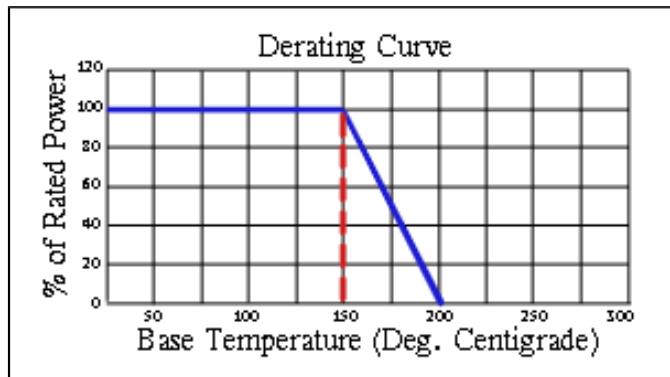
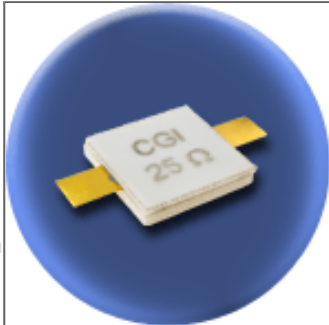
## Part Dimensions



# Component General, Inc.

P/N: CCR-375-1

Stripline Chip W/Cover Resistors



## Mechanical Specifications

### Substrate:

Beryllium Oxide Ceramic.

### Contact:

Beryllium Copper, Gold Plated per MIL-G-45204.

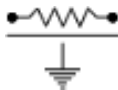
Length: 0.125" Min., Width: 0.120", Thickness 0.004"  $\pm$  0.002".

### Covers:

Alumina Ceramic.

### Tolerance:

$\pm$  0.010" unless specified.



Note: Power is based on infinite and ideal heat sink with the heat sink at 100°C

## Electrical Specifications

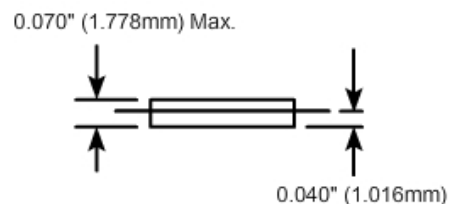
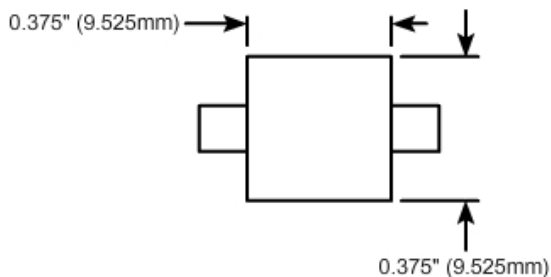
### Resistance Value:

10 - 1000  $\Omega$  or as required. Other values available upon request.

### Standard Resistance Tolerance:

$\pm$  5% Other tolerances available upon request.

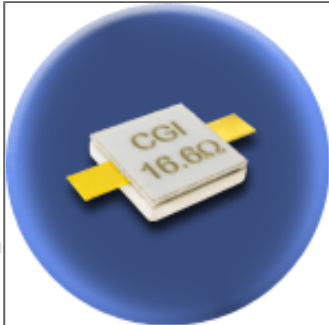
## Part Dimensions



# Component General, Inc.

P/N: CCR-375-1B

Stripline Chip W/Cover Resistors



## Mechanical Specifications

### Substrate:

Beryllium Oxide Ceramic.

### Contact:

Beryllium Copper, Gold Plated per MIL-G-45204.

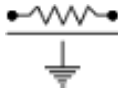
Length: 0.125" Min., Width: 0.120", Thickness 0.004"  $\pm$  0.002".

### Covers:

Alumina Ceramic.

### Tolerance:

$\pm$  0.010" unless specified.



Note: Power is based on infinite and ideal heat sink with the heat sink at 100°C

## Electrical Specifications

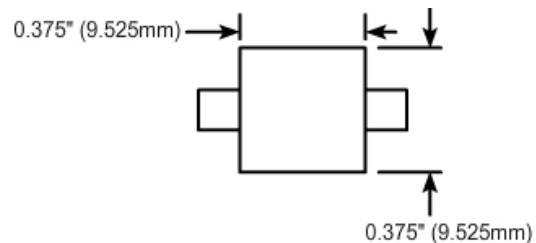
### Resistance Value:

10 - 1000  $\Omega$  or as required. Other values available upon request.

### Standard Resistance Tolerance:

$\pm$  5% Other tolerances available upon request.

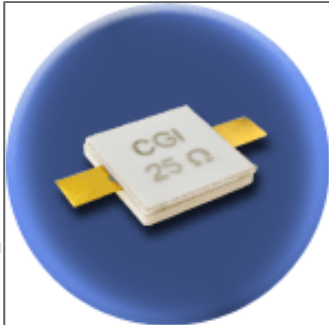
## Part Dimensions



# Component General, Inc.

P/N: CCR-375-3

Stripline Chip W/Cover Resistors



## Mechanical Specifications

### Substrate:

Beryllium Oxide Ceramic.

### Contact:

Beryllium Copper, Gold Plated per MIL-G-45204.

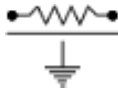
Length: 0.125" Min., Width: 0.120", Thickness 0.004"  $\pm$  0.002".

### Covers:

Alumina Ceramic.

### Tolerance:

$\pm$  0.010" unless specified.



Note: Power is based on infinite and ideal heat sink with the heat sink at 100°C

## Electrical Specifications

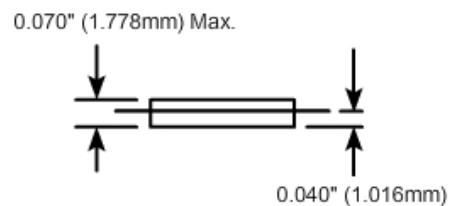
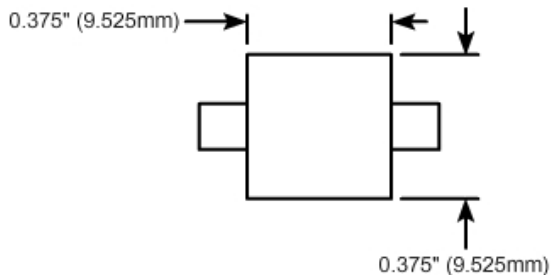
### Resistance Value:

10 - 1000  $\Omega$  or as required. Other values available upon request.

### Standard Resistance Tolerance:

$\pm$  5% Other tolerances available upon request.

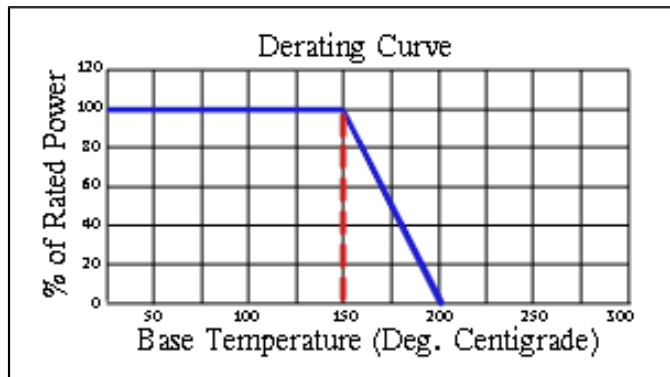
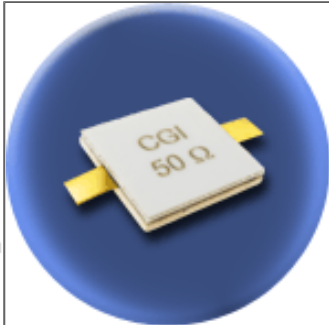
## Part Dimensions



# Component General, Inc.

P/N: CCR-500-1

Stripline Chip W/Cover Resistors



## Mechanical Specifications

### Substrate:

Beryllium Oxide Ceramic.

### Contact:

Beryllium Copper, Gold Plated per MIL-G-45204.

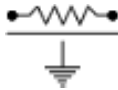
Length: 0.125" Min., Width: 0.120", Thickness 0.004"  $\pm$  0.002".

### Covers:

Alumina Ceramic.

### Tolerance:

$\pm$  0.010" unless specified.



Note: Power is based on infinite and ideal heat sink with the heat sink at 100°C

## Electrical Specifications

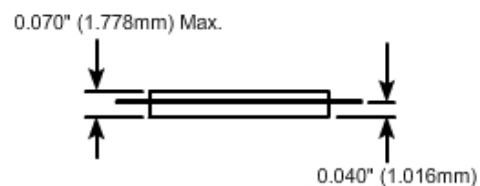
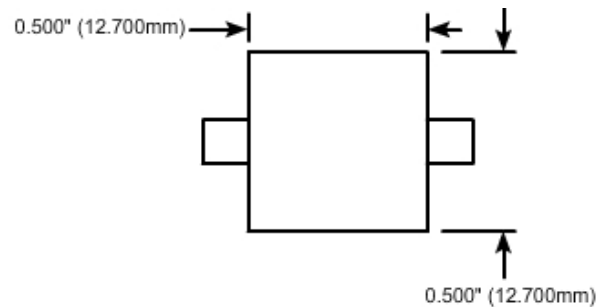
### Resistance Value:

10 - 1000  $\Omega$  or as required. Other values available upon request.

### Standard Resistance Tolerance:

$\pm$  5% Other tolerances available upon request.

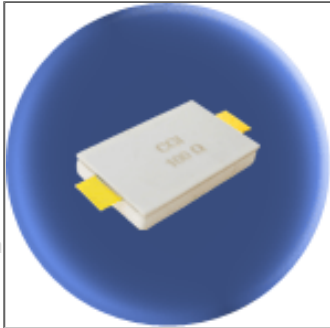
## Part Dimensions



# Component General, Inc.

P/N: CCR-625-1

Stripline Chip W/Cover Resistors



## Mechanical Specifications

### Substrate:

Beryllium Oxide Ceramic.

### Contact:

Beryllium Copper, Gold Plated per MIL-G-45204.

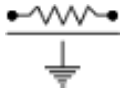
Length: 0.125" Min., Width: 0.250", Thickness 0.004"  $\pm$  0.002".

### Covers:

Alumina Ceramic.

### Tolerance:

$\pm$  0.010" unless specified.



Note: Power is based on infinite and ideal heat sink with the heat sink at 100°C

## Electrical Specifications

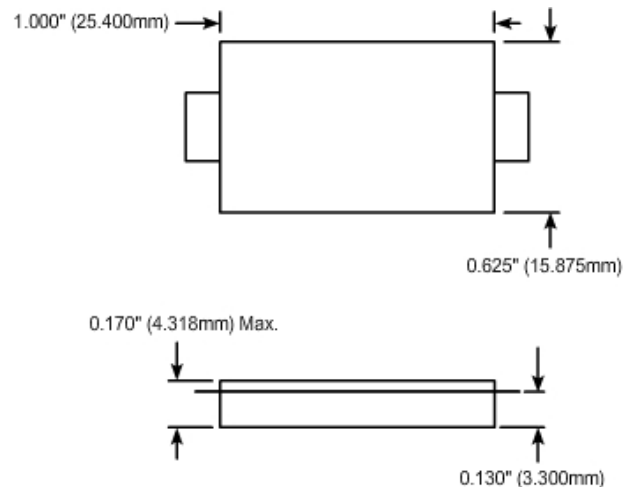
### Resistance Value:

10 - 1000  $\Omega$  or as required. Other values available upon request.

### Standard Resistance Tolerance:

$\pm$  5% Other tolerances available upon request.

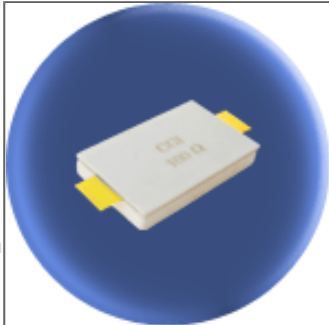
## Part Dimensions



# Component General, Inc.

P/N: CCR-625-2

Stripline Chip W/Cover Resistors



## Mechanical Specifications

### Substrate:

Beryllium Oxide Ceramic.

### Contact:

Beryllium Copper, Gold Plated per MIL-G-45204.

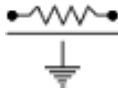
Length: 0.125" Min., Width: 0.250", Thickness 0.004"  $\pm$  0.002".

### Covers:

Alumina Ceramic.

### Tolerance:

$\pm$  0.010" unless specified.



Note: Power is based on infinite and ideal heat sink with the heat sink at 100°C

## Electrical Specifications

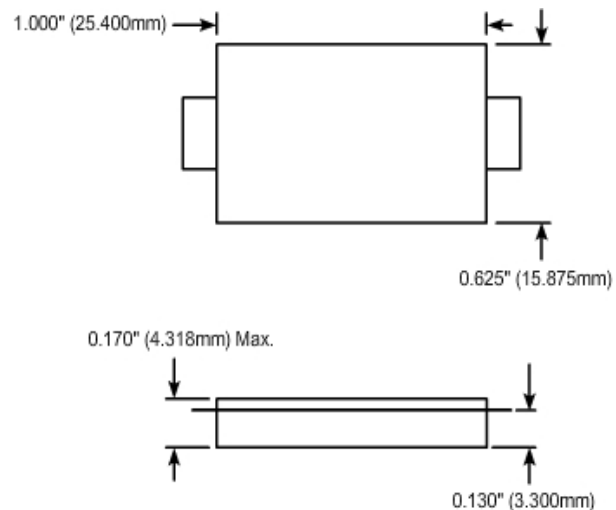
### Resistance Value:

10 - 1000  $\Omega$  or as required. Other values available upon request.

### Standard Resistance Tolerance:

$\pm$  5% Other tolerances available upon request.

## Part Dimensions

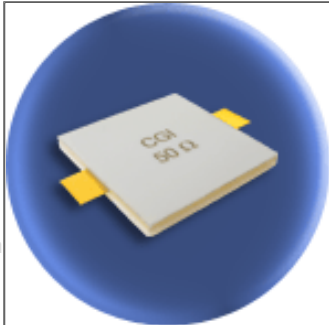




# Component General, Inc.

P/N: CCR-1000-1

Stripline Chip W/Cover Resistors



## Mechanical Specifications

### Substrate:

Beryllium Oxide Ceramic.

### Contact:

Beryllium Copper, Gold Plated per MIL-G-45204.

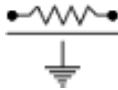
Length: 0.125" Min., Width: 0.250", Thickness 0.004"  $\pm$  0.002".

### Covers:

Alumina Ceramic.

### Tolerance:

$\pm$  0.010" unless specified.



Note: Power is based on infinite and ideal heat sink with the heat sink at 100°C

## Electrical Specifications

### Resistance Value:

10 - 1000  $\Omega$  or as required. Other values available upon request.

### Standard Resistance Tolerance:

$\pm$  5% Other tolerances available upon request.

## Part Dimensions

