

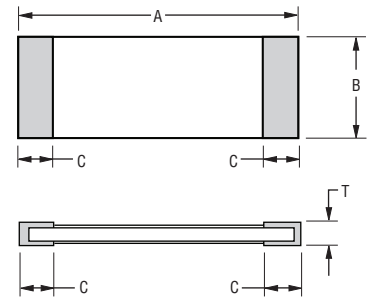
# CRE2512 - High Power Current Sense Chip Resistor



## Product Dimensions

Model	Dimension			
	A	B	C	T
CRE2512-R001 ~ CRE2512-R004	$6.40 \pm 0.20$ ( $0.252 \pm 0.008$ )	$3.2 \pm 0.20$ ( $0.126 \pm 0.008$ )	$2.00 \pm 0.20$ ( $0.079 \pm 0.008$ )	$0.70 \pm 0.20$ ( $0.0276 \pm 0.008$ )
CRE2512-R005 ~ CRE2512-R009	$6.40 \pm 0.20$ ( $0.252 \pm 0.008$ )	$3.2 \pm 0.20$ ( $0.126 \pm 0.008$ )	$0.90 \pm 0.20$ ( $0.035 \pm 0.008$ )	$0.70 \pm 0.20$ ( $0.0276 \pm 0.008$ )

DIMENSIONS:  $\frac{\text{MM}}{\text{(INCHES)}}$

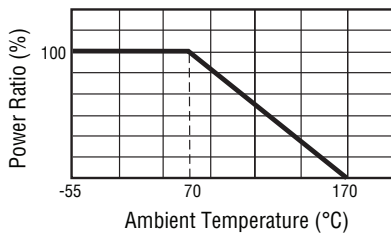


## CRE2512 Resistance Values Available

Code	R Value	Code	R Value
R001	0.0010	R006	0.0060
R002	0.0020	R007	0.0070
R003	0.0030	R008	0.0080
R004	0.0040	R009	0.0090
R005	0.0050		

Consult factory for other resistance values.

## Derating Curve

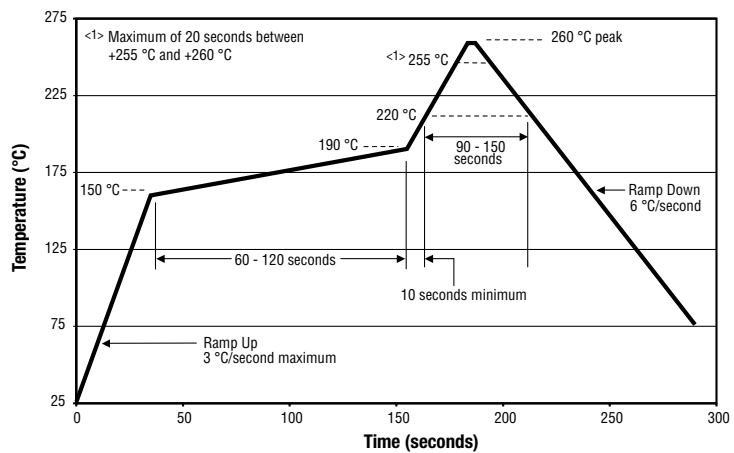


## Environmental Specifications

Moisture Sensitivity Level ..... 1

## Soldering Profile

Can be soldered in accordance with IPC/JEDEC-J-STD-020.



## How to Order

**CRE 2512 - F Z - R001 E - 2**

Model \_\_\_\_\_  
 CRE = Precision Chip Resistor

Size \_\_\_\_\_  
 2512 = 2512 Size

Resistance Tolerance \_\_\_\_\_  
 F =  $\pm 1\%$

TCR \_\_\_\_\_  
 Z =  $\pm 50$  PPM/ $^{\circ}\text{C}$

Resistance Value \_\_\_\_\_  
 "R" (decimal point) followed by three significant digits (example: R004 = 0.0040 ohm)

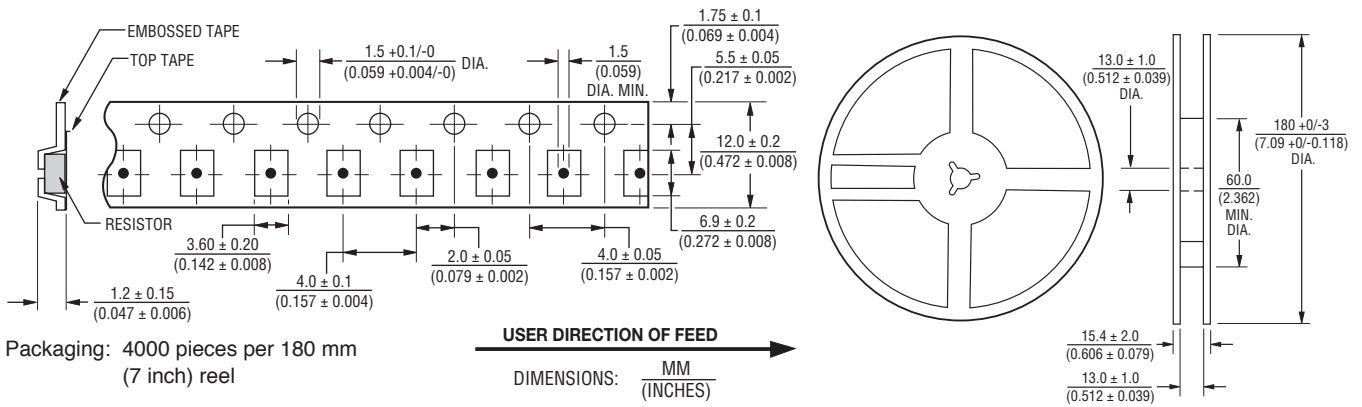
Packaging \_\_\_\_\_  
 E = 4000 pieces on 180 mm (7 inch) reel

Power Rating \_\_\_\_\_  
 2 = 2 Watts  
 3 = 3 Watts

# CRE2512 - High Power Current Sense Chip Resistor

**BOURNS®**

## Packaging Dimensions (Conforms to EIA RS-481A)



REV. 08/21

Specifications are subject to change without notice.

Users should verify actual device performance in their specific applications.

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