# **CRE2512 - High Power Current Sense Chip Resistor**

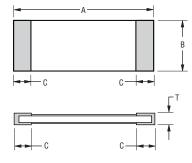
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#### **Product Dimensions**

Model	Dimension			
	Α	В	С	Т
CRE2512-R001 ~ CRE2512-R004	$\frac{6.40 \pm 0.20}{(0.252 \pm 0.008)}$	$\frac{3.2 \pm 0.20}{(0.126 \pm 0.008)}$	$\frac{2.00 \pm 0.20}{(0.079 \pm 0.008)}$	$\frac{0.70 \pm 0.20}{(0.0276 \pm 0.008)}$
CRE2512-R005 ~ CRE2512-R009	$\frac{6.40 \pm 0.20}{(0.252 \pm 0.008)}$	$\frac{3.2 \pm 0.20}{(0.126 \pm 0.008)}$	$\frac{0.90 \pm 0.20}{(0.035 \pm 0.008)}$	$\frac{0.70 \pm 0.20}{(0.0276 \pm 0.008)}$

DIMENSIONS:

MM (INCHES)

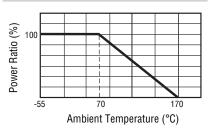


#### **CRE2512 Resistance Values Available**

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**

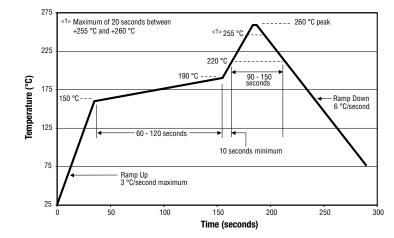


### **Environmental Specifications**

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 —	
$Z = \pm 50 PPM/^{\circ}C$	
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	

0540

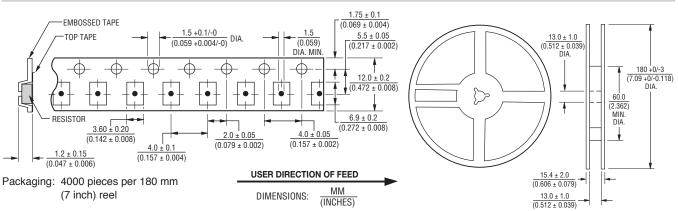
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Specifications are subject to change without notice.

Users should verify actual device performance in their specific applications. The products described herein and this document are subject to specific legal disclaimers as set forth on the last page of this document, and at <u>www.bourns.com/docs/legal/disclaimer.pdf</u>.

## **CRE2512 - High Power Current Sense Chip Resistor**

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Packaging Dimensions (Conforms to EIA RS-481A)

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