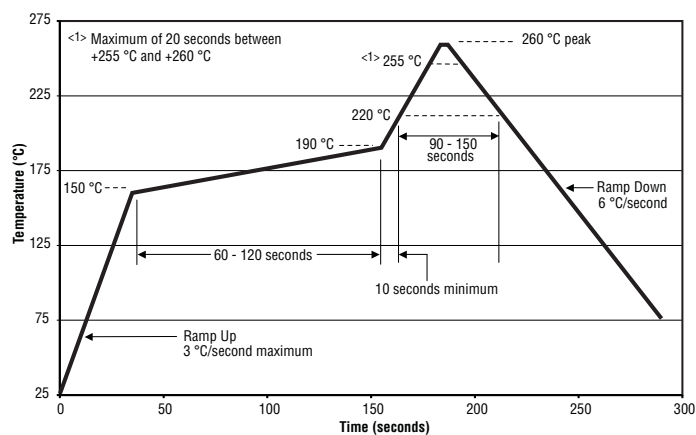


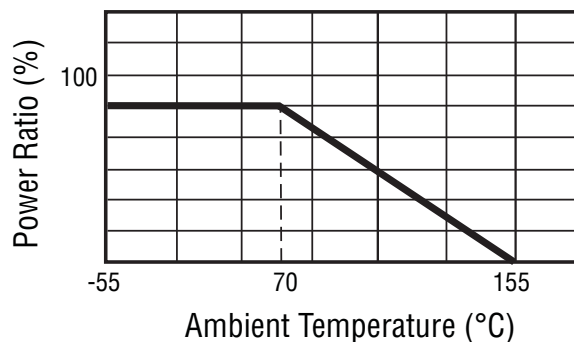
CRM0805/1206/2010 Chip Resistors

BOURNS®

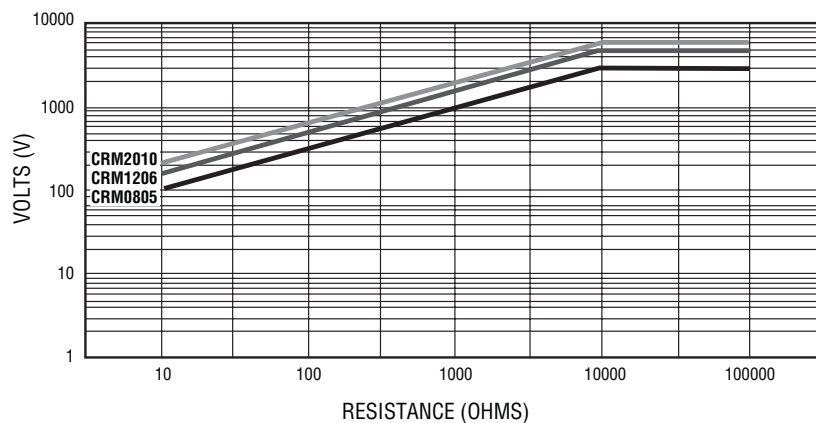
Soldering Profile



Derating Curve



Pulse Voltage Curve



Test Method: 1.2/50 μ s Waveform with 12 Ohm Resistor, 5 Pulses at 12 Second Intervals

Specifications are subject to change without notice.
Customers should verify actual device performance in their specific applications.

CRM0805/1206/2010 Chip Resistors

BOURNS®

How to Order

CRM 2010 - F X - R100 E LF

Model _____
(CRM = Precision Chip Resistor)

Size _____
0805 = 0805 Size
1206 = 1206 Size
2010 = 2010 Size

Resistance Tolerance _____
• F = $\pm 1\%$
• J = $\pm 5\%$

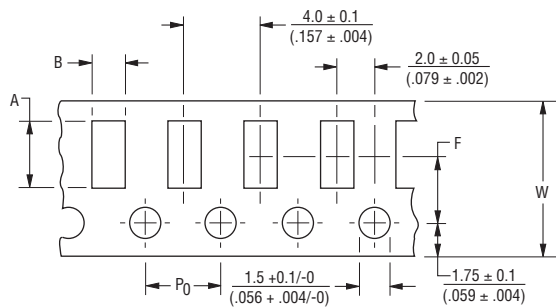
TCR (PPM/ $^{\circ}$ C) _____
• W = ± 200 PPM/ $^{\circ}$ C
• Z = ± 150 PPM/ $^{\circ}$ C
• X = ± 100 PPM/ $^{\circ}$ C

Resistance Value _____
R < 1 ohm (1 % or 5 % Tolerance): "R" (decimal point) followed by three significant digits (example: R100 = 0.100 ohm)
1% Tolerance:
<100 ohms "R" represents decimal point (example: 24R3 = 24.3 ohms)
 ≥ 100 ohms First three digits are significant, fourth digit represents number of zeros to follow (example: 8252 = 82.5K ohms)
5% Tolerance:
<10 ohms "R" represents decimal point (example: 4R7 = 4.7 ohms)
 ≥ 10 ohms First two digits are significant, third digit represents number of zeros to follow (example: 474 = 470K ohms)

Packaging _____
• E = 5000 pieces on 180 mm (7 inch) reel - CRM0805, CRM1206
4000 pieces on 180 mm (7 inch) reel - CRM2010

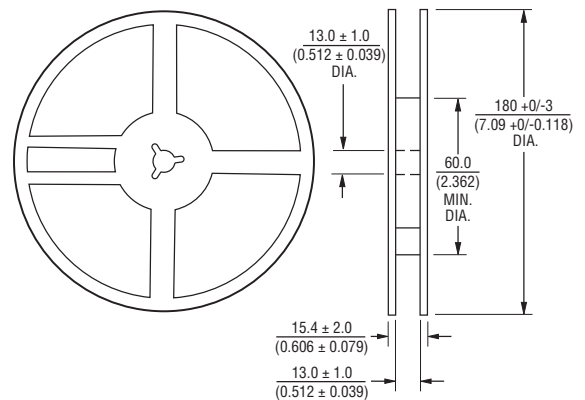
Termination _____
• LF = Tin-plated (RoHS Compliant)

Packaging Dimensions (Conforms to EIA RS-481A)



Maximum 1 mm (.040) thick
* Cumulative over 10 holes: ± 0.2 mm

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



Model	A	B	F	W
CRM0805	2.40 ± 0.20 (0.094 $\pm$ 0.008)	1.65 ± 0.20 (0.065 $\pm$ 0.008)	3.50 ± 0.05 (0.138 $\pm$ 0.002)	8.00 ± 0.30 (0.315 $\pm$ 0.012)
CRM1206	3.57 ± 0.20 (0.141 $\pm$ 0.008)	2.00 ± 0.20 (0.079 $\pm$ 0.008)	3.50 ± 0.05 (0.138 $\pm$ 0.002)	8.00 ± 0.30 (0.315 $\pm$ 0.012)
CRM2010	5.50 ± 0.20 (0.217 $\pm$ 0.008)	2.80 ± 0.20 (0.110 $\pm$ 0.008)	5.50 ± 0.05 (0.217 $\pm$ 0.002)	12.00 ± 0.30 (0.472 $\pm$ 0.012)

REV. 01/13

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