



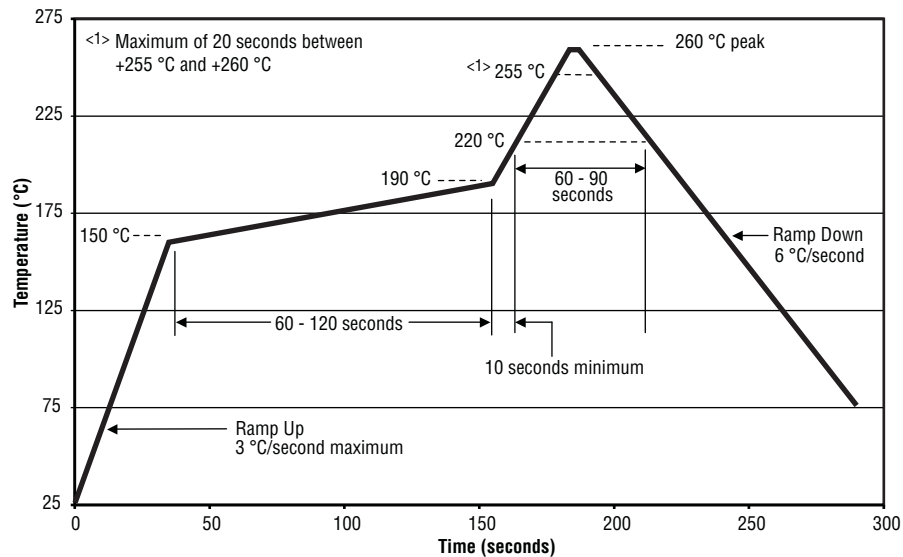
- Small package dimensions
- RoHS compliant*
- Power rating at 70 °C = 1/16 W
- Tight dimensional tolerances
- Three layer termination process with nickel barrier prevents leaching and provides excellent solderability
- Suitable for most types of soldering processes
- Standard packaging on paper tape and reel

The device characteristics and parameters in this data sheet can and do vary. Users should verify actual device performance in their specific applications.

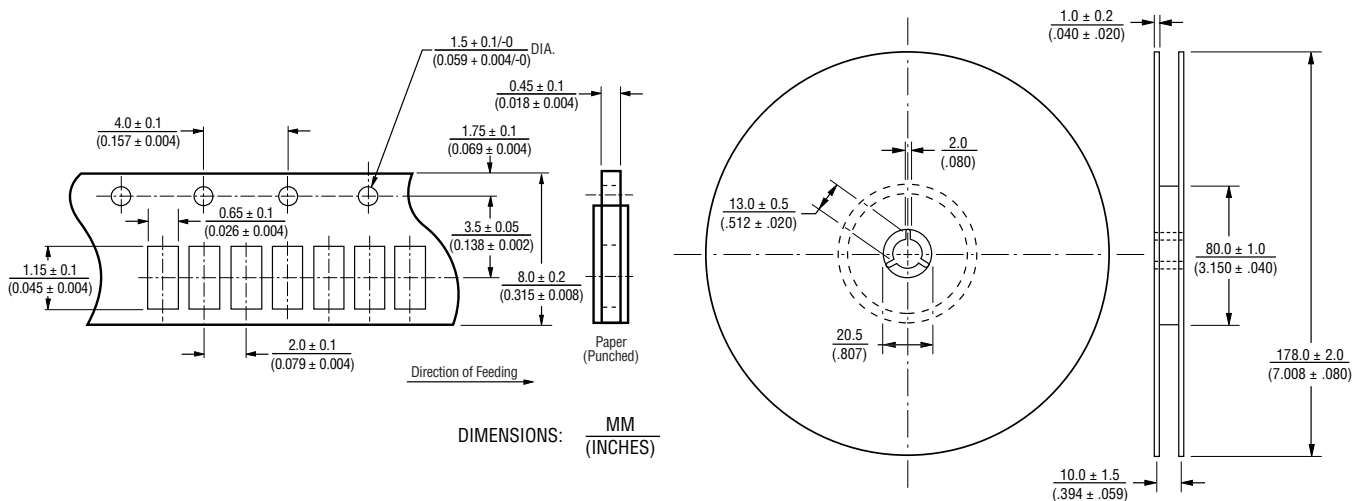
CR0402 - Chip Resistor

BOURNS®

Soldering Profile for RoHS Compliant Chip Resistors and Arrays



Packaging Dimensions (Conforms to EIA RS-481A)



Specifications are subject to change without notice. The device characteristics and parameters in this data sheet can and do vary in different applications and actual device performance may vary over time. Users should verify actual device performance in their specific applications.

CR0402 - Chip Resistor

BOURNS®

How to Order

CR 0402 - F X - 8252 G LF

Model _____ (CR = Chip Resistor)					
Size _____ • 0402					
Resistance Tolerance _____ F = $\pm 1\%$ Used with "X" TCR code only for values from 10 ohms through 1 megohm; and Used with "W" TCR code only for values above 1 megohm. through 10 megohms. J = $\pm 5\%$ Used with "W" TCR code for values from 10 ohms through 10 megohms; Used with "Z" TCR code for values above 10 megohms through 20 megohms; Used with "/" TCR code for zero ohm (jumper); and for values from 1 ohm through 9.1 ohms.					
TCR (ppm/ $^{\circ}$ C) _____ X = ± 100 W = ± 200 Z = ± 400 / = -200 to +500					
Resistance Value _____ <u>For 1 % Tolerance:</u> <100 ohms "R" designates 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). <u>For 5 % Tolerance:</u> <10 ohms "R" designates 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; 000 = Jumper).					
Packaging _____ G = Paper Tape (10,000 pcs.) on 7 " Plastic Reel					
Termination _____ LF = Tin-plated (RoHS compliant)					

REV. 02/15

Specifications are subject to change without notice.

The device characteristics and parameters in this data sheet can and do vary in different applications and actual device performance may vary over time.
Users should verify actual device performance in their specific applications.

Mouser Electronics

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

Bourns:

[CR0402-FX-1503G](#) [CR0402-FX-1501G](#) [CR0402-FX-4021G](#) [CR0402-JW-390G](#) [CR0402-FX-8252G](#) [CR0402-JW-390H](#) [CR0402-FX-1203G](#) [CR0402-FX-1200G](#) [CR0402-JW-272G](#) [CR0402-JW-270G](#) [CR0402-FX-22R1G](#) [CR0402-FX-22R0G](#) [CR0402-FX-1202G](#) [CR0402-FX-1201G](#) [CR0402-FX-68R0G](#) [CR0402-FX-39R0G](#) [CR0402-FX-78R7G](#) [CR0402-FX-51R1G](#) [CR0402-FX-2742G](#) [CR0402-FX-3920G](#) [CR0402-FX-71R5G](#) [CR0402-FX-6802G](#) [CR0402-FX-6803G](#) [CR0402-FX-5601G](#) [CR0402-FX-24R9G](#) [CR0402-JW-151G](#) [CR0402-FX-3302G](#) [CR0402-FX-2701G](#) [CR0402-FX-1600G](#) [CR0402-FX-5900G](#) [CR0402-FX-5901G](#) [CR0402-JW-150G](#) [CR0402-FX-30R0G](#) [CR0402-FX-4701G](#) [CR0402-FX-4702G](#) [CR0402-FX-4703G](#) [CR0402-JW-241G](#) [CR0402-FX-2210G](#) [CR0402-FX-2801G](#) [CR0402-FX-2213G](#) [CR0402-JW-202G](#) [CR0402-FX-54R9G](#) [CR0402-FX-7501G](#) [CR0402-FX-2673G](#) [CR0402-FX-3010G](#) [CR0402-FX-1050G](#) [CR0402-FX-1211G](#) [CR0402-FX-8203G](#) [CR0402-FX-8201G](#) [CR0402-FX-8200G](#) [CR0402-FX-8202G](#) [CR0402-FX-2000G](#) [CR0402-FX-6812G](#) [CR0402-FX-6811G](#) [CR0402-FX-3830G](#) [CR0402-FX-6810G](#) [CR0402-JW-LAB8](#) [CR0402-FX-7500G](#) [CR0402-FX-7502G](#) [CR0402-FX-2670G](#) [CR0402-FX-3011G](#) [CR0402-JW-473G](#) [CR0402-JW-471G](#) [CR0402-J/-000G](#) [CR0402-FX-9091G](#) [CR0402-FX-2370G](#) [CR0402-FX-2050G](#) [CR0402-FX-6202G](#) [CR0402-FX-6203G](#) [CR0402-FX-6200G](#) [CR0402-FX-6201G](#) [CR0402-FX-8660G](#) [CR0402-FX-5602G](#) [CR0402-FX-5603G](#) [CR0402-JW-180G](#) [CR0402-FX-5600G](#) [CR0402-FX-5623G](#) [CR0402-FX-56R2G](#) [CR0402-FX-56R0G](#) [CR0402-FX-5620G](#) [CR0402-FX-2002G](#) [CR0402-FX-2003G](#) [CR0402-FX-2001G](#) [CR0402-FX-35R7G](#) [CR0402-FX-2432G](#) [CR0402-FX-51R0G](#) [CR0402-FX-37R4G](#) [CR0402-FX-1370G](#) [CR0402-FX-2202G](#) [CR0402-FX-12R0G](#) [CR0402-JW-332G](#) [CR0402-FX-1302G](#) [CR0402-FX-1301G](#) [CR0402-FX-1300G](#) [CR0402-JW-331G](#) [CR0402-JW-330G](#) [CR0402-FX-1303G](#) [CR0402-FX-5101G](#) [CR0402-FX-44R2G](#) [CR0402-FX-5103G](#)