



**THE DATASHEET OF
CAT10-511J4LF**





Features

- RoHS compliant*
- 4 isolated resistors in an 0804 size package
- E24 series from 10 ohms to 1 megohm
- Concave termination style
- Resistance tolerance $\pm 5\%$
- Suitable for most types of soldering processes
- Paper tape on plastic reel for automatic placement

Model CAT10 - Chip Resistor Array

Characteristics

Number of Elements..... 4 (isolated)
 Power Rating per Resistor @ 70 °C
0.0625 W
 Package Power Rating @ 70 °C
0.250 W
 Operating Temperature Range
 -55 °C to +125 °C
 Derated to 0 Load @.....+125 °C
 Max. Working Voltage.....25 V
 Max. Overload Voltage50 V
 Resistance Tolerance $\pm 5\%$
 Resistance Range/E24 Series
10 ohms to 1 megohm
 plus Zero-ohm Jumper
 T.C.R..... ± 200 ppm/°C
 Packaging..... 10,000 pieces per reel

Construction



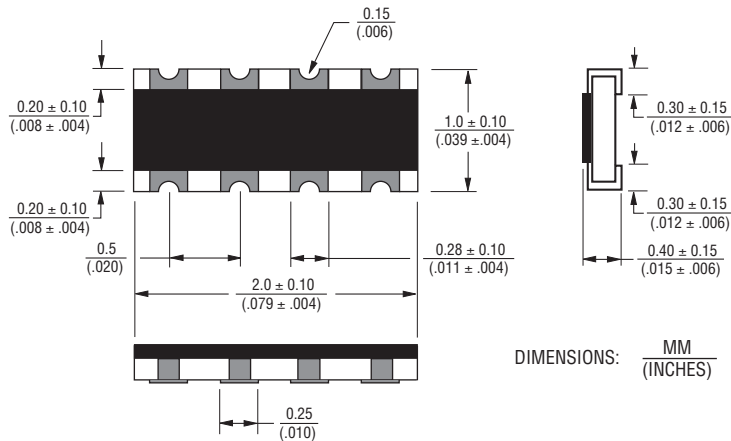
How To Order

CA T 10 - 103 J 4 LF

Chip Arrays ————
 Type ————
 • T = Concave
 Model ————
 • 10 = 0804 Package Size
 Resistance Code ————
 • <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)
 • 000 = Zero Ohm Jumper
 Resistance Tolerance ————
 • J = $\pm 5\%$
 Resistors ————
 • 4 = 4 pcs.
 Terminations ————
 • LF = Tin-plated (RoHS compliant)

For Standard Values Used in Capacitors, Inductors, and Resistors, [click here](#).

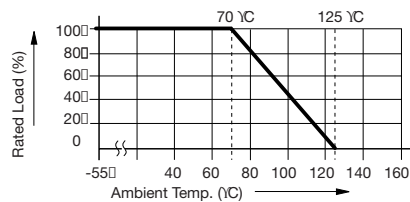
Product Dimensions



Land Pattern



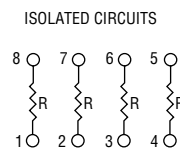
Derating Curve



Typical Part Marking

None on part. Label on reel will include part number.

Isolated Circuit



WARNING Cancer and Reproductive Harm
www.P65Warnings.ca.gov

*RoHS Directive 2015/863, Mar 31, 2015 and Annex.

Specifications are subject to change without notice.

Users should verify actual device performance in their specific applications.

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Model CAT10 - Chip Resistor Array

BOURNS®

Soldering Profile for RoHS Compliant Chip Resistors and Arrays



Packaging Dimensions



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

REV. 07/20

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