



**THE DATASHEET OF  
CAT10-271J4LF**





## 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 Voltage.....	50 V
Resistance Tolerance.....	$\pm 5\%$
Resistance Range/E24 Series	.....10 ohms to 1 megohm
	plus Zero-ohm Jumper
T.C.R.....	$\pm 200$ ppm/°C
Packaging.....	10,000 pieces per reel

### Construction



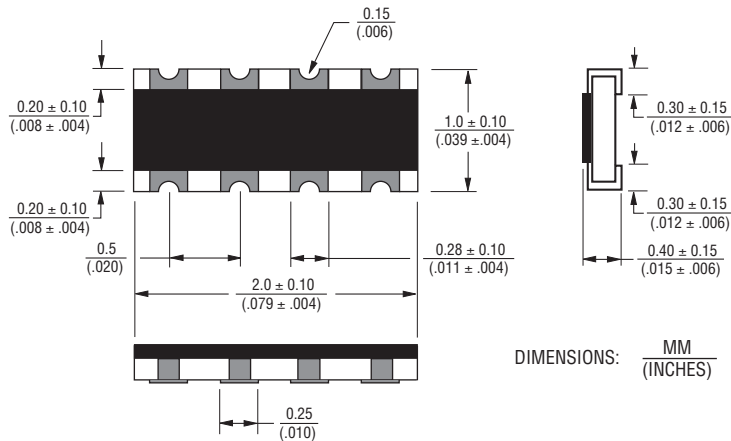
### How To Order

**CA T 10 - 103 J 4 LF**

Chip Arrays	CA
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](#).

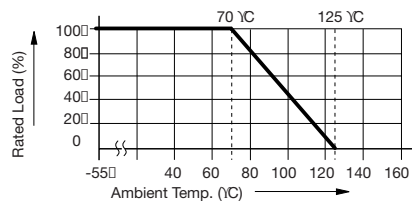
### Product Dimensions



### Land Pattern



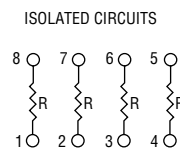
### Derating Curve



### Typical Part Marking

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

### Isolated Circuit



**WARNING Cancer and Reproductive Harm**  
[www.P65Warnings.ca.gov](http://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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