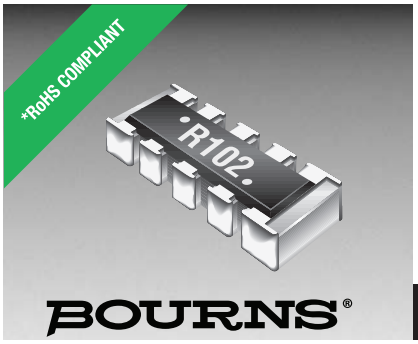


Features

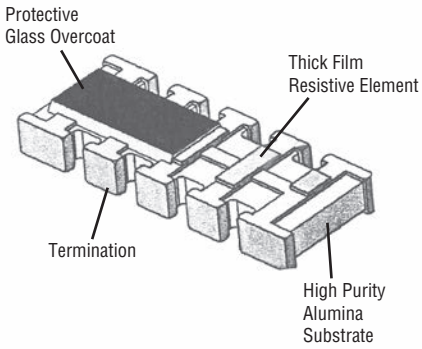
- JA version available to 100K ohms
- 10 pin with 8 resistors in bussed type for pull up/down circuit
- Convex termination style
- Resistance tolerance ±5 %
- E24 Series from 10 ohms to 43K ohms
- Suitable for all types of soldering processes
- Paper tape on plastic reel for automatic placement
- RoHS compliant*

Model CAY17 - Bussed Resistor Array

Characteristics

Number of Resistors .. 8 (bussed circuit)
Power Rating per Resistor @ 70 °C
..... 0.0625 W
Package Power Rating @ 70 °C
.....0.250 W
Operating Temperature Range
.....-55 °C to +155 °C
Derated to 0 Load @.....+125 °C
Max. Working Voltage.....25 V
Max. Overload Voltage .....50 V
Resistance Tolerance ..... ±5 %
Resistance Range/E24 Series
JA version ..... 10 ohms to 100K ohms
JB version ..... 10 ohms to 43K ohms
T.C.R. ..... ±250 ppm/°C

Construction



How To Order

CA Y 17 - 103 J A LF

Chip Arrays

Type
- Y = Convex

Model
- 17 = 1206 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)

(JA range: 10 ohms to 100K ohms; JB range: 10 ohms to 43K ohms)

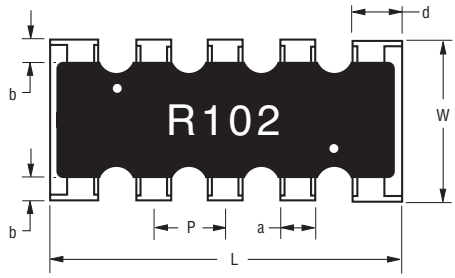
Resistance Tolerance
- J = ±5 %

Resistors
- A = Common from terminal 5 to 10
- B = Common from terminal 1 to 6

Terminations
- LF = Tin-plated (RoHS compliant)

For Standard Values Used in Capacitors, Inductors, and Resistors, click here.

Product Dimensions



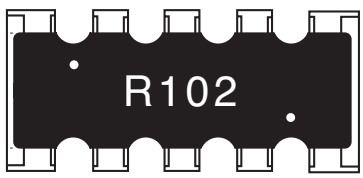
DIMENSIONS: MM / (INCHES)

Model	L	W	t	p
CAY17-JA	3.20 ± 0.20 (0.126 ± 0.008)	1.60 ± 0.15 (0.063 ± 0.006)	0.50 ± 0.10 (0.020 ± 0.004)	0.64 ± 0.05 (0.126 ± 0.002)
CAY17-JB	3.20 ± 0.20 (0.126 ± 0.008)	1.60 ± 0.10 (0.063 ± 0.004)	0.50 ± 0.10 (0.020 ± 0.004)	0.64 ± 0.05 (0.126 ± 0.002)

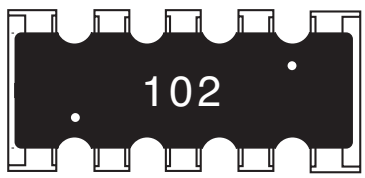
Model	a	b	c	d
CAY17-JA	0.35 ± 0.20 (0.014 ± 0.008)	0.30 ± 0.20 (0.012 ± 0.008)	0.30 ± 0.20 (0.012 ± 0.008)	0.50 ± 0.10 (0.020 ± 0.004)
CAY17-JB	0.40 ± 0.10 (0.016 ± 0.004)	0.30 ± 0.20 (0.012 ± 0.008)	0.25 ± 0.10 (0.010 ± 0.004)	0.55 ± 0.10 (0.022 ± 0.004)

Typical Part Marking

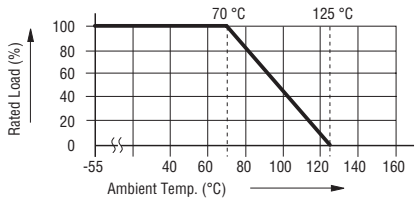
CAY17-JA



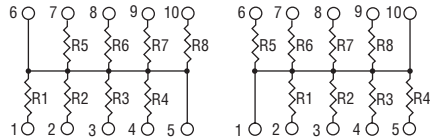
CAY17-JB



Derating Curve



Bussed Circuits

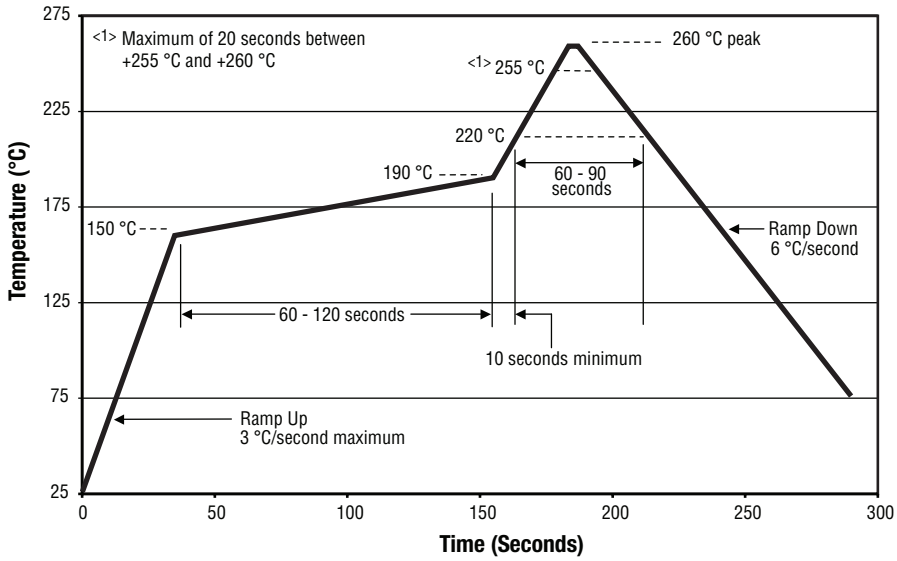


WARNING Cancer and Reproductive Harm
www.P65Warnings.ca.gov

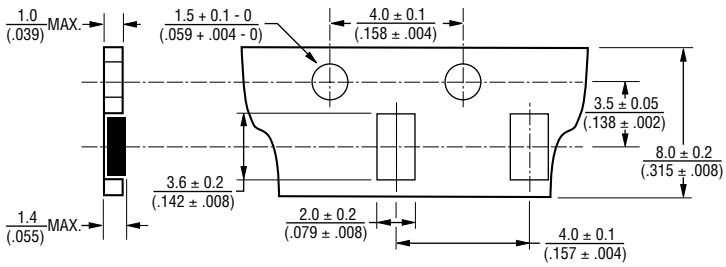
*RoHS Directive 2015/863, Mar 31, 2015 and Annex.
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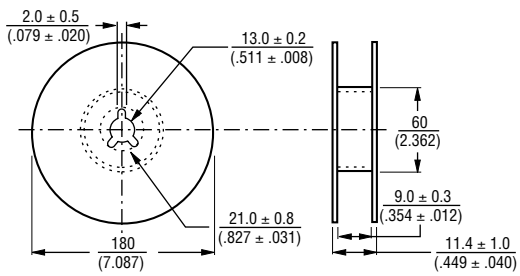
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Soldering Profile for RoHS Compliant Chip Resistors and Arrays



Packaging Dimensions





DIMENSIONS: MM (INCHES)

REV. 08/20

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