

## Features

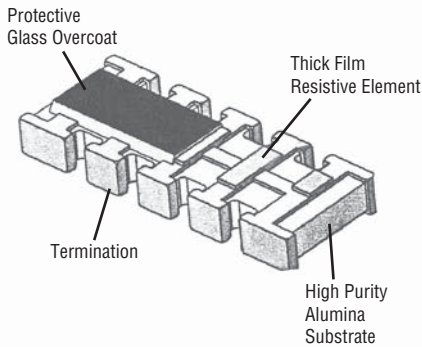
- JA version available to 100K ohms
- 10 pin with 8 resistors in bussed type for pull up/down circuit
- RoHS compliant\*
- Convex termination style
- Resistance tolerance  $\pm 5\%$
- E24 Series from 10 ohms to 43K ohms
- Suitable for all types of soldering processes
- Paper tape on plastic reel for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

## 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 .....  $\pm 5\%$   
 Resistance Range/E24 Series  
 JA version ..... 10 ohms to 100K ohms  
 JB version ..... 10 ohms to 43K ohms  
 T.C.R. ....  $\pm 250$  ppm/°C

### Construction



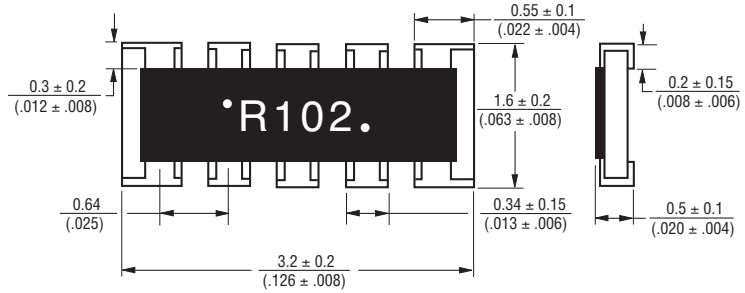
### How To Order

**CA Y 17 - 103 J A LF**

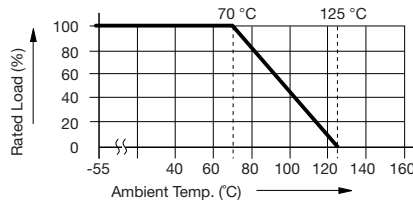
- Chip Arrays \_\_\_\_\_
- Type \_\_\_\_\_
- Y = Convex \_\_\_\_\_
- Model \_\_\_\_\_
- 17 = 1206 Package Size \_\_\_\_\_
- Resistance Code \_\_\_\_\_
- <10 ohms: "R" represents decimal point (example: 4R7 = 4.7 ohms).
- $\geq 10$  ohms: First two digits are significant, third digit represents number 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 =  $\pm 5\%$  \_\_\_\_\_
- 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](#).

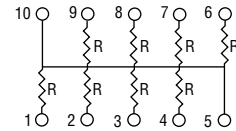
### Product Dimensions



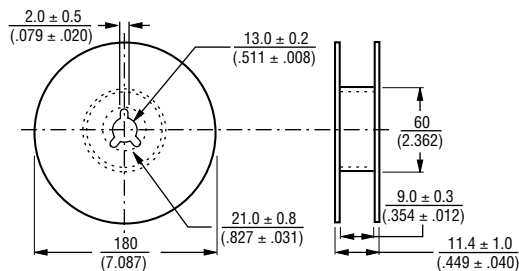
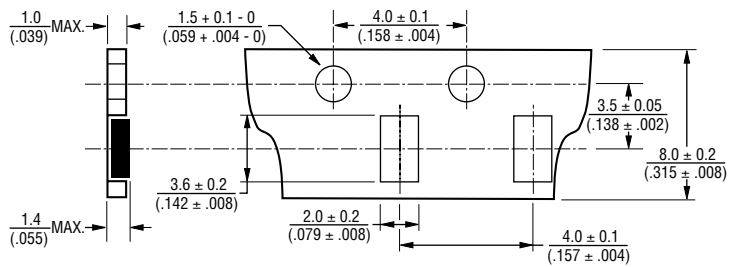
### Derating Curve



### Bussed Circuits - Option A



### Packaging Dimensions



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

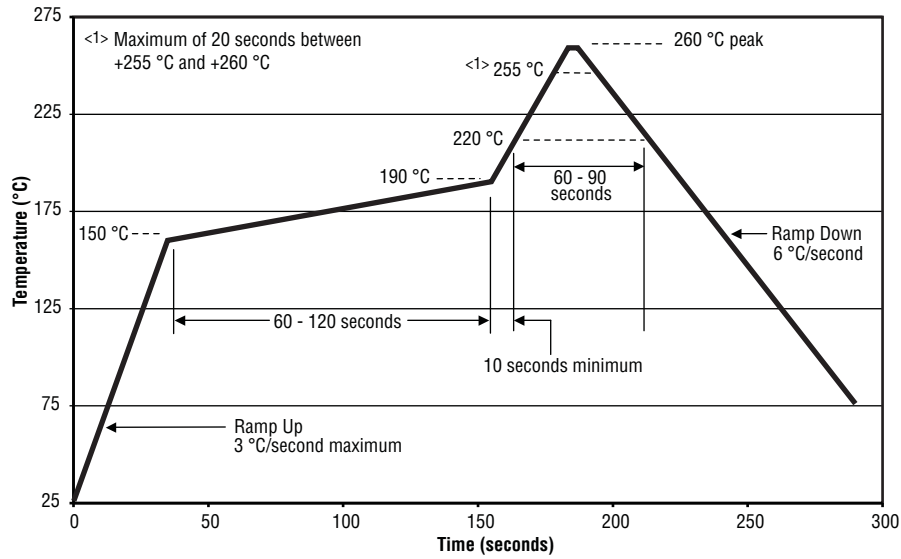
\*RoHS Directive 2002/95/EC Jan. 27, 2003 including annex and RoHS Recast 2011/65/EU June 8, 2011. Specifications are subject to change without notice.

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.

# Model CAY17 - Bussed Resistor Array

**BOURNS®**

## Soldering Profile for RoHS Compliant Chip Resistors and Arrays



REV. 01/15

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:

[CAY17-471JALF](#) [CAY17-103JAGLF](#) [CAY17-100JBLF](#) [CAY17-750JALF](#) [CAY17-510JALF](#) [CAY17-152JALF](#) [CAY17-183JALF](#) [CAY17-512JALF](#) [CAY17-390JALF](#) [CAY17-102JBLF](#) [CAY17-822JALF](#) [CAY17-561JALF](#) [CAY17-562JALF](#) [CAY17-333JALF](#) [CAY17-433JALF](#) [CAY17-182JALF](#) [CAY17-221JALF](#) [CAY17-121JALF](#) [CAY17-433JBLF](#) [CAY17-472JBLF](#) [CAY17-102JALF](#) [CAY17-202JALF](#) [CAY17-222JALF](#) [CAY17-681JALF](#) [CAY17-470JALF](#) [CAY17-101JALF](#) [CAY17-272JALF](#) [CAY17-472JALF](#) [CAY17-123JALF](#) [CAY17-240JALF](#) [CAY17-360JALF](#) [CAY17-393JALF](#) [CAY17-513JALF](#) [CAY17-623JALF](#) [CAY17-680JALF](#) [CAY17-472JAGLF](#) [CAY17-102JAGLF](#) [CAY17-103JALF](#) [CAY17-203JALF](#) [CAY17-221JBLF](#) [CAY17-103JBLF](#) [CAY17-151JALF](#) [CAY17-511JALF](#) [CAY17-332JALF](#) [CAY17-223JALF](#) [CAY17-511JBLF](#) [CAY17-331JALF](#) [CAY17-220JALF](#) [CAY17-100JALF](#) [CAY10-820J4LF](#) [CAY17-104JALF](#) [CAY17-122JALF](#) [CAY17-473JALF](#) [CAY17-560JALF](#) [CAY17-563JALF](#) [CAY17-682JALF](#) [CAY17-683JALF](#) [CAY17-330JALF](#) [CAY17-153JALF](#) [CAY17-620JALF](#) [CAY17-222JBLF](#) [CAY17-510JBLF](#) [CAY17-121JBLF](#) [CAY17-151JBLF](#) [CAY17-333JBLF](#) [CAY17-560JBLF](#)