



**BOURNS®**

### Features

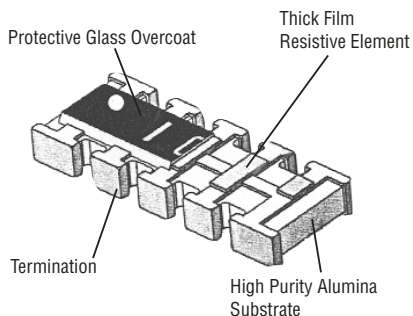
- JA version available to 100K ohms
- 10 pin with 8 resistors in bussed type for pull up/down circuit
- Lead free version available (see How to Order "Termination" options)
- RoHS compliant\*
- Convex termination style
- Resistance tolerance  $\pm 5\%$
- E24 Series from 10 ohms to 43K ohms
- Suitable 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  
 .....31 mW  
 Package Power Rating @ 70 °C  
 .....250 mW  
 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  
 JA version .....10 ohms to 100K ohms  
 JB version .....10 ohms to 43K ohms  
 T.C.R. .... $\pm 250$  ppm/°C

### Construction



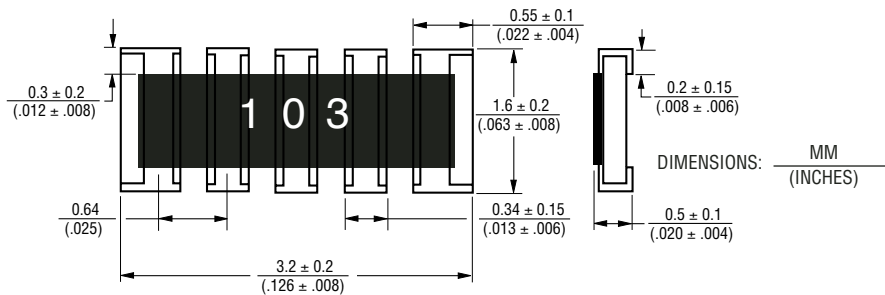
### How To Order

**CA Y 17 - 103 J A**

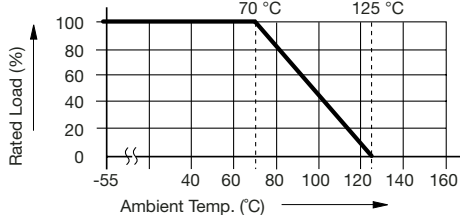
- Chip Arrays \_\_\_\_\_
- Type \_\_\_\_\_
- Y = Convex
- Model \_\_\_\_\_
- 17 = 1206 Package Size
- Resistance Code \_\_\_\_\_
- 103 = 10K ohms  
(JA range: 10 ohms to 100K ohms;  
JB range: 10 ohms to 43K ohms)
- Resistance Tolerance \_\_\_\_\_
- J =  $\pm 5\%$
- Resistors \_\_\_\_\_
- A = Common from terminal 5 to 10
- B = Common from terminal 1 to 6
- Terminations \_\_\_\_\_
- LF = Tin-plated (lead free)
- Blank = Solder-plated

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

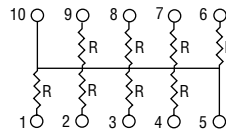
### Product Dimensions



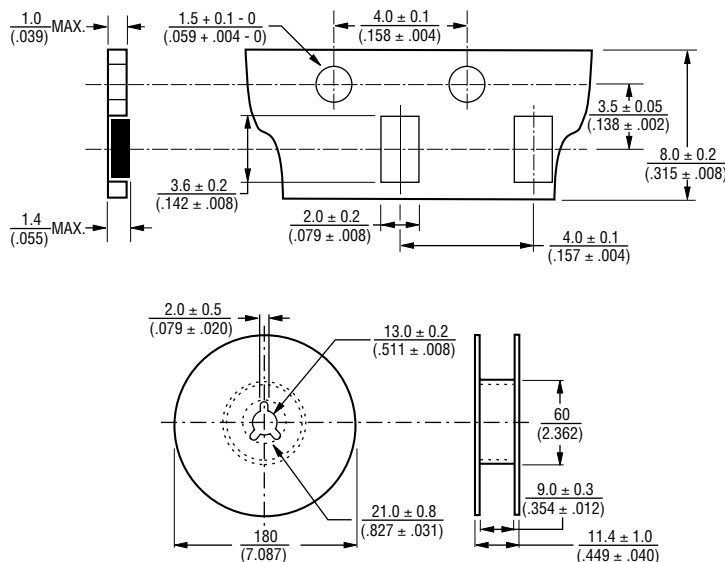
### Derating Curve



### Bussed Circuits - Option A



### Packaging Dimensions



\*RoHS Directive 2002/95/EC Jan 27 2003 including Annex Specifications are subject to change without notice. Customers should verify actual device performance in their specific applications.

# Model CAY17 - Bussed Resistor Array

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## Soldering Profile for Lead Free Chip Resistors and Arrays

