

## Features

- Improvement of placement efficiency
- 2/4 isolated resistors in an 0404/0804 size package
- Convex termination style
- E24 series from 10 ohms to 1 megohm
- Resistance tolerance  $\pm 5\%$
- Suitable for all types of soldering processes
- Paper tape on reel for automatic placement

## Model CAY10 - Chip Resistor Array

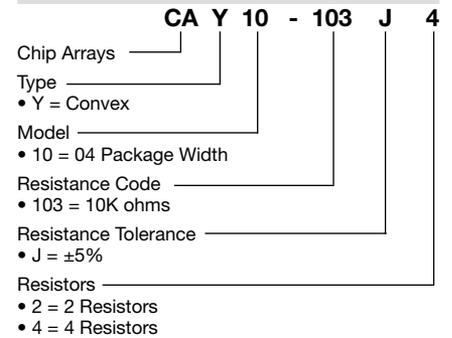
### Specifications

Requirement	Characteristics	Test Method
Short Time Overload	$\pm 2\%$	Rated Voltage X 2.5, 5 seconds
Soldering Heat	$\pm 1\%$	260°C $\pm 5^\circ\text{C}$ , 10 seconds $\pm 1$ second
Temperature Cycling (5)	$\pm 1\%$	125°C (30 minutes) - normal (15 minutes) -30°C (30 minutes) - normal (15 minutes)
Moisture Load Life	$\pm 3\%$	1000 hours
Load Life	$\pm 3\%$	1000 hours

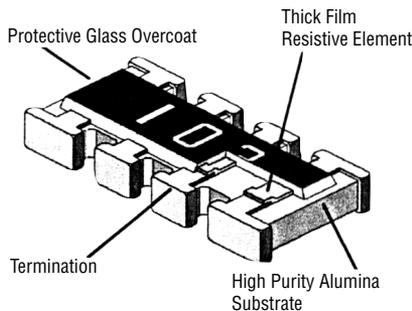
### Characteristics

Characteristics	CAY10-xxxJ2	CAY10-xxxJ4
Number of Elements (Isolated)	2	4
Power Rating per Element	31mW	
Resistance Tolerance	$\pm 5\%$	
Resistance Range (E24)	10 ohms - 1 megohm	
T.C.R.	$\pm 250\text{ppm}/^\circ\text{C}$	
Max. Overload Voltage	50V	
Max. Working Voltage	25V	
Operating Temp. Range	-55°C to +125°C	
Rating Temperature	+70°C	
Packaging	10,000 pieces per reel	

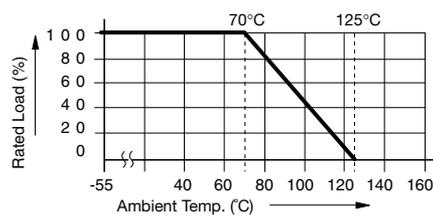
### How To Order



### Construction

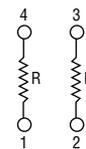


### Derating Curve

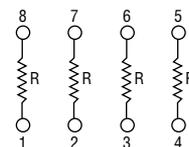


### Isolated Circuit

#### CAY10-xxxJ2



#### CAY10-xxxJ4

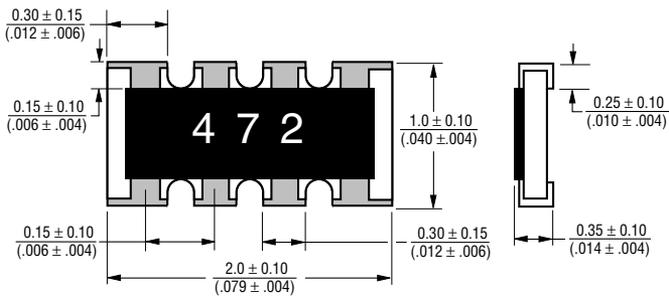


# Model CAY10 - Chip Resistor Array

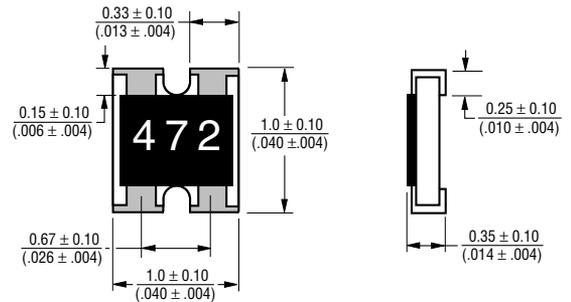
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## Product Dimensions

**CAY10-xxxJ4**

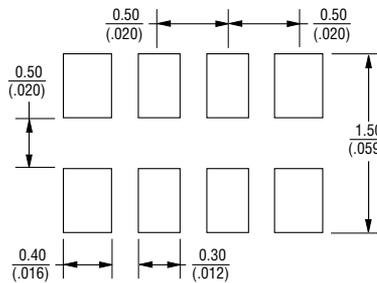


**CAY10-xxxJ2**



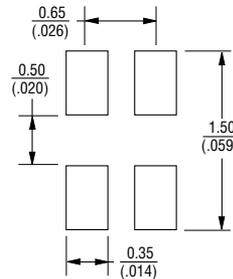
## Land Pattern

**CAY10-xxxJ4**

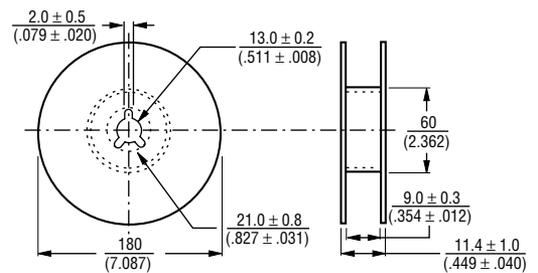
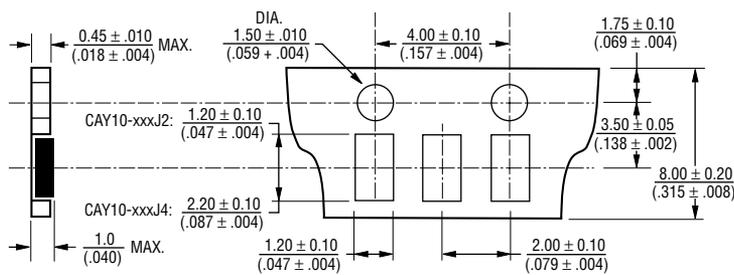


DIMENSIONS:  $\frac{\text{MM}}{\text{(INCHES)}}$

**CAY10-xxxJ2**



## Packaging Dimensions



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