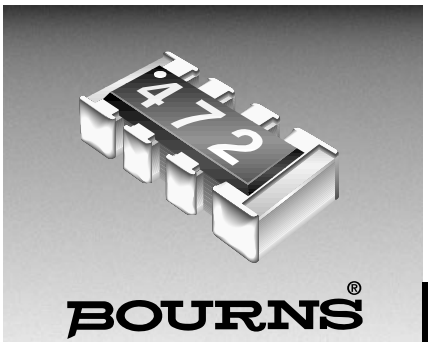


Features

- 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 ±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	±2%	Rated Voltage X 2.5, 5 seconds
Soldering Heat	±1%	260°C ±5°C, 10 seconds ±1 second
Temperature Cycling (5)	±1%	125°C (30 minutes) - normal (15 minutes) -30°C (30 minutes) - normal (15 minutes)
Moisture Load Life	±3%	1000 hours
Load Life	±3%	1000 hours

Characteristics

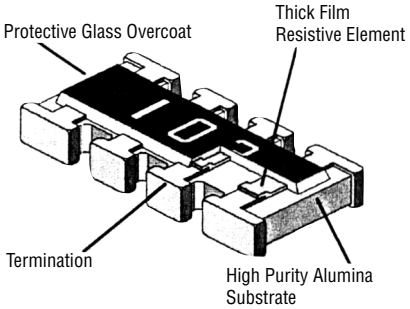
Characteristics	CAY10-xxxJ2	CAY10-xxxJ4
Number of Elements (Isolated)	2	4
Power Rating per Element	31mW	
Resistance Tolerance	±5%	
Resistance Range (E24)	10 ohms - 1 megohm	
T.C.R.	±250ppm/°C	
Max. Overload Voltage	50V	
Max. Working Voltage	25V	
Operating Temp. Range	-55°C to +125°C	
Rating Temperature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

How To Order

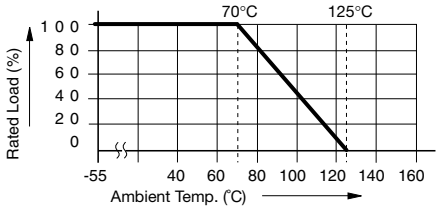
CA Y 10 - 103 J 4

- Chip Arrays
- Type
  - Y = Convex
- Model
  - 10 = 04 Package Width
- Resistance Code
  - 103 = 10K ohms
- Resistance Tolerance
  - J = ±5%
- Resistors
  - 2 = 2 Resistors
  - 4 = 4 Resistors

Construction

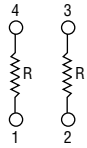


Derating Curve

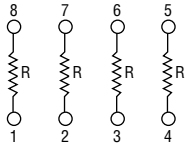


Isolated Circuit

CAY10-xxxJ2



CAY10-xxxJ4



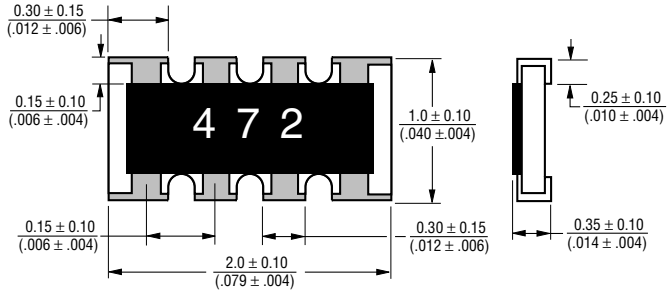
Specifications are subject to change without notice.

Model CAY10 - Chip Resistor Array

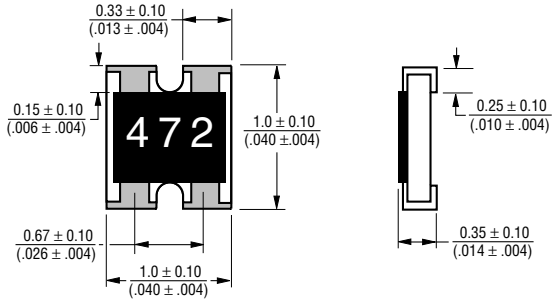
BOURNS®

Product Dimensions

CAY10-xxxJ4

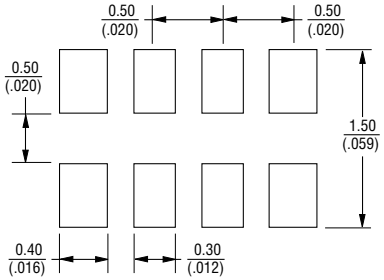


CAY10-xxxJ2



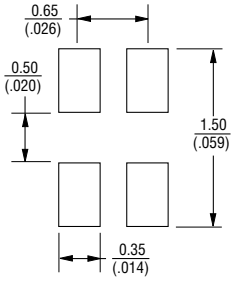
Land Pattern

CAY10-xxxJ4

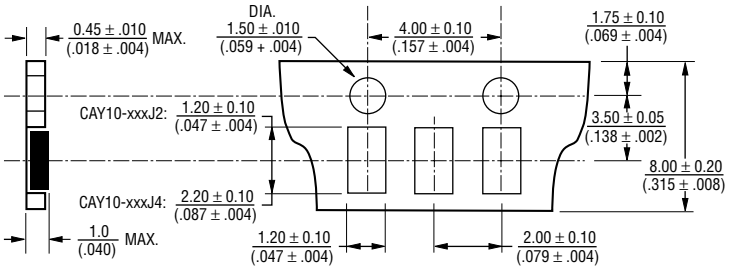


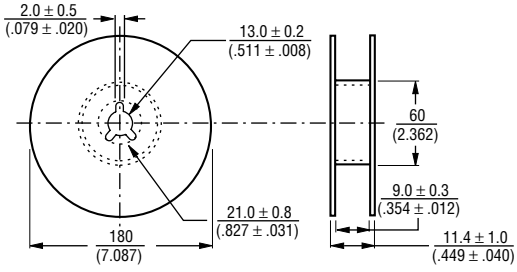
DIMENSIONS: MM / (INCHES)

CAY10-xxxJ2



Packaging Dimensions





Specifications are subject to change without notice.

Mouser Electronics

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

Bourns:

CAY10-333J4 CAY10-473J4LF CAY10-273J4LF CAY10-430J4LF CAY10-221J4 CAY10-390J4 CAY10-150J4 CAY10-150J4LF CAY10-750J4LF CAY10-472J4 CAY10-332J4 CAY10-472J4LF CAY10-272J4LF CAY10-152J4LF CAY10-510J2GLF CAY10-471J4 CAY10-000J4 CAY10-330J4 CAY10-121J4LF CAY10-221J4LF CAY10-220J4 CAY10-202J4LF CAY10-302J4LF CAY10-102J4LF CAY10-561J4LF CAY10-682J4 CAY10-224J4LF CAY10-682J4LF CAY10-101J4LF CAY10-151J4LF CAY10-100J4 CAY10-240J4 CAY10-130J2LF CAY10-333J4LF CAY10-222J4 CAY10-7R5J2LF CAY10-270J4LF CAY10-470J4LF CAY10-104J2LF CAY10-223J4LF CAY10-104J4 CAY10-223J4 CAY10-102J4 CAY10-241J4LF CAY10-332J4LF CAY10-512J4 CAY10-331J4LF CAY10-470J4 CAY10-153J4LF CAY10-151J4 CAY10-152J4 CAY10-181J4LF CAY10-681J4LF CAY10-822J4 CAY10-684J4LF CAY10-101J4 CAY10-822J4LF CAY10-331J4 CAY10-390J4LF CAY10-272J4 CAY10-270J4 CAY10-470J2LF CAY10-560J4 CAY10-103J4 CAY10-180J4LF CAY10-680J4LF CAY10-104J4LF CAY10-512J4LF CAY10-511J4LF CAY10-510J2LF CAY10-103J4LF CAY10-271J4 CAY10-271J4LF CAY10-471J4LF CAY10-513J4LF CAY10-474J4LF CAY10-560J4LF CAY10-471J2LF CAY10-240J4LF CAY10-430J4 CAY10-222J4LF CAY10-122J4LF CAY10-473J4 CAY10-820J4