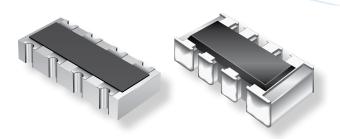


NEW PRODUCT RELEASE

CHIP RESISTORS AND ARRAYS



Bourns Releases New AEC-Q200 Compliant Thick Film Chip Resistor Arrays

Model CATxxA-LF, CAYxxA-LF and CAYxxA-AS Series

Riverside, California – April 6, 2021 – Bourns is pleased to announce the introduction of the new AEC-Q200 compliant Model CATxxA-LF, CAYxxA-LF and CAYxxA-AS Thick Film Chip Resistor Arrays. These new surface mount models help strengthen and further expand the range of surface mount chip arrays offered by Bourns.

Series	Termination	Width	Number of Resistors	Tolerance	Resistance Range	Feature
CAY10A-J2LF	Convex	1 mm	2	5 %	3 Ω to 1 MΩ	AEC-Q200 compliant
CAY10A-J4LF			4	5 %		
CAY16A-F4LF		1.6 mm		1%		
CAY16A-J4LF				5 %		
CAT10A-J2LF	Concave	1 mm	2	5 %	10 Ω to 1 MΩ	
CAT10A-J4LF			4	5 %		
CAT16A-F4LF		1.6 mm		1%		
CAT16A-J4LF				5 %		
CAY10A-J2AS	Convex	1 mm	2	5 %	3 Ω to 1 MΩ	AEC-Q200 compliant and Sulfur-resistant
CAY10A-J4AS			4	5 %		
CAY16A-J4AS		1.6 mm		5 %		

N2029



The new AEC-Q200 compliant Model CATxxA-LF concave and CAYxxA-LF convex chip arrays are available in two different widths of 1 and 1.6 mm and contain two or four pieces of isolated thick film resistive elements printed onto a single ceramic substrate.

The Model CAYxxA-AS are the first chip arrays from Bourns that are both AEC-Q200 compliant and sulfurresistant based on ASTM-B-809-95, and EIA-977 (test parameter B) standards. They are designed to operate in certain harsh environments exposed to higher levels of sulfur contamination and are suitable for usage within industrial, automation power supply and communication base stations applications. Please see the applicable Bourns product data sheet for more information.

This new family complements the other circuit conditioning components that Bourns offers such as <u>power</u> inductors and rectifier diodes.

For additional details on Bourns® AEC-Q200 compliant products, visit the Bourns website at www.bourns.com/products/aec-q-compliant-products. Should you have any questions, contact Customer Service/ Inside Sales.

Features Applications CAT10A-LF / CAT16A-LF CAT10A-LF / CAT16A-LF RoHS compliant* General purpose Concave terminal style Industrial Resistance range: 10 Ω to 1 M Ω and Consumer zero jumper Telecommunications AEC-Q200 compliant AUTOMOTIVE CAY10A-LF / CAY16A-LF CAY10A-LF / CAY16A-LF RoHS compliant* General purpose Convex terminal style Industrial Resistance range: 3 Ω to 1 M Ω and Consumer zero jumper Telecommunications AEC-Q200 compliant **AUTOMOTIVE**GRADE CAY10A-AS / CAY16A-AS CAY10A-AS / CAY16A-AS RoHS compliant* General purpose Convex terminal style Certain harsh environments Sulfur-resistant design Agricultural Resistance range: 3 Ω to 1 M Ω and Gas, oil, rubber industry

Telecommunication base stations

zero jumper

AEC-Q200 compliant

AUTOMOTIVE

GRADE

^{*} RoHS Directive 2015/863, Mar 31, 2015 and Annex.