



## 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
<a href="#">CAY10A-J2LF</a>	Convex	1 mm	2	5 %	3 Ω to 1 MΩ	AEC-Q200 compliant
<a href="#">CAY10A-J4LF</a>				5 %		
<a href="#">CAY16A-F4LF</a>		1.6 mm	4	1 %		
<a href="#">CAY16A-J4LF</a>				5 %		
<a href="#">CAT10A-J2LF</a>	Concave	1 mm	2	5 %	10 Ω to 1 MΩ	
<a href="#">CAT10A-J4LF</a>				5 %		
<a href="#">CAT16A-F4LF</a>		1.6 mm	4	1 %		
<a href="#">CAT16A-J4LF</a>				5 %		
<a href="#">CAY10A-J2AS</a>	Convex	1 mm	2	5 %	3 Ω to 1 MΩ	AEC-Q200 compliant and Sulfur-resistant
<a href="#">CAY10A-J4AS</a>				5 %		
<a href="#">CAY16A-J4AS</a>		1.6 mm	4	5 %		

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 sulfur-resistant 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 [power 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](http://www.bourns.com/products/aec-q-compliant-products). Should you have any questions, contact [Customer Service/Inside Sales](#).

### Features

#### CAT10A-LF / CAT16A-LF

- RoHS compliant\*
- Concave terminal style
- Resistance range: 10 Ω to 1 MΩ and zero jumper
- AEC-Q200 compliant
- AUTOMOTIVE GRADE

#### CAY10A-LF / CAY16A-LF

- RoHS compliant\*
- Convex terminal style
- Resistance range: 3 Ω to 1 MΩ and zero jumper
- AEC-Q200 compliant
- AUTOMOTIVE GRADE

#### CAY10A-AS / CAY16A-AS

- RoHS compliant\*
- Convex terminal style
- Sulfur-resistant design
- Resistance range: 3 Ω to 1 MΩ and zero jumper
- AEC-Q200 compliant
- AUTOMOTIVE GRADE

### Applications

#### CAT10A-LF / CAT16A-LF

- General purpose
- Industrial
- Consumer
- Telecommunications

#### CAY10A-LF / CAY16A-LF

- General purpose
- Industrial
- Consumer
- Telecommunications

#### CAY10A-AS / CAY16A-AS

- General purpose
- Certain harsh environments
- Agricultural
- Gas, oil, rubber industry
- Telecommunication base stations

\* RoHS Directive 2015/863, Mar 31, 2015 and Annex.