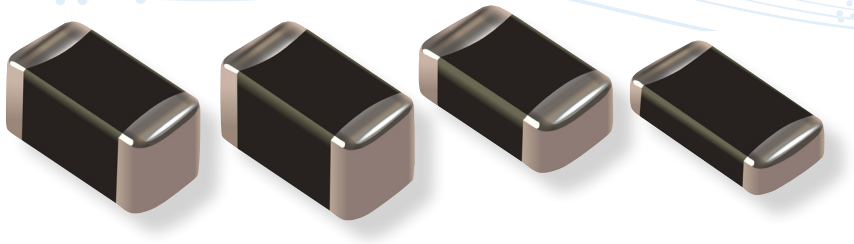
BOURNS®

NEW PRODUCT RELEASE

VARISTORS



Bourns Releases AEC-Q200 Compliant, Automotive Grade Multilayered Varistors

Model BVRA Series

Riverside, California – October 17, 2024 – Bourns is pleased to announce the release of the Model BVRA Series Automotive Grade Multilayered Varistors. The Model BVRA Series Low Voltage Multilayered Varistors are designed specifically for use in automotive circuits requiring surge protection. They offer excellent transient energy absorption due to improved energy volume distribution and power dissipation. The Model BVRA Series is available with working voltages from 5.5 V to 85 VDC in 0402, 0603, 0805 and 1206 SMD packages. These models are typically applied to protect integrated circuits and other components at the circuit board level.

Series	Size	V_{rms} (V)	V_{dc} (V)	I_{max} (A)	RoHS Compliant*	Automotive Grade
		< 10 µA		@ 8/20 µs		
BVRA0402	0402	4 ~14	5.5 ~ 18	10 ~ 20	Yes	Yes
BVRA0603	0603	4 ~30	5.5 ~ 38	20 ~ 30	Yes	Yes
BVRA0805	0805	4 ~35	5.5 ~ 45	30 ~ 120	Yes	Yes
BVRA1206	1206	4 ~ 60	5.5 ~ 85	100 ~ 200	Yes	Yes

Features

- AEC-Q200 compliant
- Meets IEC 61000-4-5 standard
- Compact surface mount design
- Quick response time (< 0.5 ns)
- High transient current capability
- Lead free
- RoHS compliant*
- AUTOMOTIVE GRADE

Applications

- Power supplies
- Entertainment electronics
- Circuit board level protection against transient events
- CAN, LIN, FLEXRAY based modules
- Module load dump protection
- Motor/inductive load transient suppression

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

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Please visit www.bourns.com/products/circuit-protection/varistor-products for the full line of multilayered varistors products available. Product data sheets with detailed specifications can be viewed on the Bourns website. The Bourns® Varistor Technical Library contains many useful documents, brochures, application notes and white papers. If you have any questions or need additional information, please contact Customer Service/ Inside Sales.