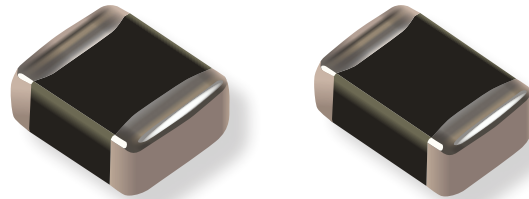




NEW PRODUCT RELEASE

VARISTORS



Bourns Releases New AEC-Q200 Compliant, Automotive Grade Multilayered Varistors

BVRA1210 & BVRA1812 Series

Riverside, California – April 21, 2025 – Bourns is pleased to announce the release of the [BVRA1210](#) and [BVRA1812](#) Series Automotive Grade Multilayered Varistors. The low voltage BVRA Series 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. These varistors are available with working voltages from 11 V to 100 VDC in 1210 and 1812 SMD packages. These models are typically applied to protect integrated circuits and other components at the circuit board level.

Series	Size	Vrms (V)	Vdc (V)	Imax (A)	RoHS Compliant*	Automotive Grade
BVRA1210	1210	9 ~ 75	11 ~ 100	200 ~ 500	Yes	Yes
BVRA1812	1812	10 ~ 75	14 ~ 100	400 ~ 800	Yes	Yes

Please visit www.bourns.com/products/circuit-protection/varistor-products for the full line of Bourns® multilayered varistors. 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](#).

Features

- Meets IEC 61000-4-5 standard
- Compact surface mount design
- Quick response time (< 1.0 ns)
- High transient current capability
- Lead free
- RoHS compliant*
- AEC-Q200 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

Additional Information

DATA SHEET
 DATA SHEET
 PRODUCT SELECTOR
 TECHNICAL LIBRARY
 INVENTORY
 SAMPLES
 CONTACT

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

K2507