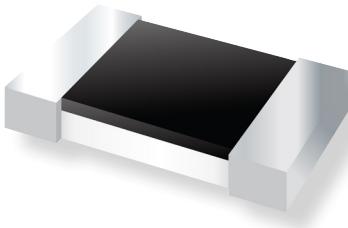




NEW PRODUCT RELEASE

CHIPGUARD® ESD SUPPRESSORS

ADVANCE NOTICE



Bourns Releases New ChipGuard® ESD Suppressors

Model CG0201MLU Series

Riverside, California – **TO BE RELEASED OCTOBER 3, 2023** – Bourns is pleased to announce the release of the Model CG0201MLU Series ChipGuard® ESD Suppressor. The Model CG0201MLU Series ChipGuard® ESD Suppressor is an ultra-low capacitance single channel ESD protector designed to safeguard sensitive electronics from damage caused by electrostatic discharges.

The new protector has been designed to protect to IEC 61000-4-2, Level 4 (± 8 kV contact/ ± 15 kV air discharge) ESD specifications targeted for high speed USB 3.2, HDMI 1.4/2.0 and antenna circuit applications.

The industry standard 0201 package provides an extremely small footprint, making it an ideal space-saving protection solution for wearables, handheld devices and mobile phones.

Please visit www.bourns.com/products/circuit-protection/chipguard-esd-suppressors for the full line of ChipGuard® ESD Suppressor products available. The product data sheet with detailed specifications can be viewed on the Bourns website.

If you have any questions or need additional information, please contact Customer Service/Inside Sales.

Features

- ESD protection to IEC 61000-4-2 Level 4
- Extremely quick response time (<1 ns)
- Low capacitance (0.05 pF typical)
- Miniature 0201 package
- Bidirectional protection
- Low clamping voltage
- Low leakage current
- RoHS compliant*

Applications

- Antenna circuits
- USB 3.2 Gen 1 and Gen 2
- HDMI 1.3/1.4/2.0
- SATA and eSATA Interfaces
- SIM card ports
- Memory protection

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

KV2311