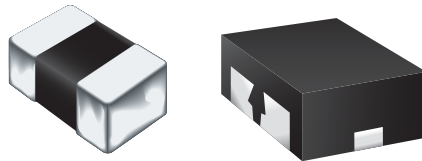


Featured Products Bulletin

CIRCUIT PROTECTION



Bourns Releases Two New ChipGuard® ESD Protectors

Model MLA Series μ Varistor ESD Clamp Protector and Model CGF Series ESD/EMI Filter

Riverside, California - August 27, 2014 - Bourns is pleased to announce the release of two new series of ChipGuard® ESD protectors ideal for consumer electronics.

The Bourns® ChipGuard® [MLA \$\mu\$ Varistor Series](#) ESD Clamp Protectors are based on multilayer metal oxide varistor (MLV) technology. Bidirectional ESD protection is provided in an ultra-small 0201 package making it one of the smallest protectors available on the market today. The series is ideally suited for space-constrained electronics such as handheld devices, notebooks, tablets, and smart phones.

Features

- Miniature 0201 package
- Fast response time to ESD strikes (<1 ns)
- Bidirectional protection
- Low clamping voltage
- Low leakage current
- RoHS compliant*

Applications

- Smart phones
- Tablets
- Handheld devices
- Embedded components
- Scanners
- Notebooks

In addition, Bourns is also pleased to announce the release of the new ChipGuard® [CGF Series](#) integrated ESD and Common Mode Filter protectors. The Combined Protection Technology (CPT) device utilizes thin film technology in creating an ESD/Common Filter protection solution available in a single space-saving package. This series complies with the robust ESD protection requirements of IEC 61004-2 Level 4, has very low capacitance and superior common mode noise rejection up to 3 GHz, making it ideal for high-speed differential data lines. The Bourns® ChipGuard® CGF Series is well-suited for use in mobile phones, notebooks, tablet PCs and digital cameras.

Features

- Combined Protection Technology (CPT) design
- Common mode filter
- ESD protection
- Fast response time
- Low capacitance
- RoHS compliant*

Applications

- USB 2.0
- HDMI
- MIPI
- MHL

Both new series are RoHS compliant*. The product data sheets with detailed specifications can be viewed on the Bourns' website at www.bourns.com. Should you have any questions or need addition information, please feel free to contact [Bourns Customer Service/Inside Sales](#).