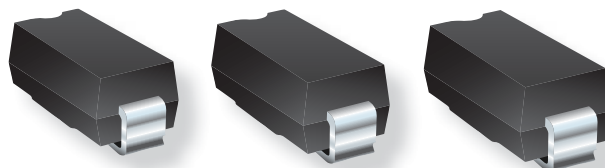


Featured Products Bulletin

CHIP DIODES



Bourns Adds New Discrete TVS Diode Products

Riverside, California - July 6, 2015 - Bourns is pleased to announce the release of three new ESD/EFT/Surge protection series products for general applications. The portable communications, computing and video equipment markets are challenging the semiconductor industry to develop increasingly smaller electronic components. Bourns offers Transient Voltage Suppressor Diodes for surge and ESD protection applications, in compact chip package size formats.

| Model Series | Breakdown Voltage | Unidirectional/ Bidirectional | Power Wattage |
|--------------|-------------------|----------------------------------|---------------|
| P4SMA | 6.8 – 550V | YES | 400 W |
| P6SMB | | | 600 W |
| 1.5SMC | | | 1500 W |

Each of the series is RoHS compliant*, halogen free**, and aids compliance with the following industry standards: IEC 61000-4-2 ESD (Min. Level 4), IEC 61000-4-4 EFT, and IEC 61000-4-5 Surge.

Product data sheets with detailed specifications and a cross reference search feature can be viewed on the Bourns website at www.bourns.com.

Features

- RoHS compliant* and halogen free**
- Surface mount package
- Breakdown voltage: 6.8 to 550 volts
- Typical temperature coefficient:
 $\Delta V_{BR} = 0.1 \% \times V_{BR} @ 25^{\circ}C \times \Delta T$

Applications

- IEC 61000-4-2 ESD (Min. Level 4)
- IEC 61000-4-4 EFT
- IEC 61000-4-5 Surge

* RoHS Directive 2002/95/EC Jan. 27, 2003 including annex and RoHS Recast 2011/65/EU June 8, 2011.

** Bourns considers a product to be "halogen free" if (a) the Bromine (Br) content is 900 ppm or less; (b) the Chlorine (Cl) content is 900 ppm or less; and (c) the total Bromine (Br) and Chlorine (Cl) content is 1500 ppm or less.