

# Featured Products Bulletin

## POWER TVS PRODUCTS



### **Bourns Releases New High Power TVS Diodes with Enhanced Temperature Performance**

#### **Model PTVS3-058C-TH and PTVS3-076C-TH**

Riverside, California - March 28, 2014 - Bourns is pleased to announce the release of the [Model PTVS3-xxxC-TH Series](#) high current bidirectional TVS diodes designed for use in high power DC bus clamping applications.

These devices offer bidirectional port protection meeting IEC 61000-4-5 8/20  $\mu$ s current surge requirements and are RoHS compliant\*. When compared to competing MOV technology, the use of silicon technology in the Power TVS products provides a lower clamping voltage under surge, greater performance stability and increased reliability.

Compared to the already released Bourns® Model PTVS3-xxxC high current TVS diodes, these devices exhibit an excellent surge response versus temperature; the typical maximum surge current at 150 °C is 75 % their rated value at 25 °C.

The product data sheet with detailed specifications can be viewed on the Bourns website at [www.bourns.com](http://www.bourns.com).

Should you have any questions or need additional information, please contact [Customer Service/ Inside Sales](#).

#### **Features**

- 58 V or 76 V standoff voltage
- Very high surge current protection (3 kA @ 25 °C)
- Excellent surge performance versus temperature
- RoHS compliant\*

#### **Applications**

- Exposed AC/DC power supplies (in wireless base stations, etc.)