

Featured Products Bulletin

POWER TVS PRODUCTS



Bourns Releases New High Power TVS Diodes with Enhanced Temperature Performance

Model PTVS6-058C-TH and PTVS6-076-TH

Riverside, California - January 3, 2014 - Bourns is pleased to announce the release of the Model [PTVS6-xxxC-TH Series](#) high current bidirectional TVS diodes designed for use in high power DC bus clamping applications.

These devices offers bidirectional port protection meeting IEC 61000-4-5 8/20 μ 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 PTVS6-xxxC high current TVS diodes, these devices exhibit an excellent surge response versus temperature; the maximum surge current at 150 °C exceeds 70 % of their rated value at 25 °C.

The product data sheet with detailed specifications can be viewed on the Bourns website at 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 (6 kA @ 25 °C)
- Excellent surge performance vs. temperature
- RoHS compliant*

Applications

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