

## Featured Products Bulletin




### POWER TVS PRODUCTS



## Bourns Releases New Power TVS (PTVS) Products

Riverside, California - February 13, 2012 - Bourns is pleased to announce the release of high current bidirectional TVS diodes designed for use in AC line protection and high power DC bus clamping applications. These devices offer bidirectional port protection from 58 volts to 470 volts, and RoHS\* and UL compliancy while also meeting IEC 61000-4-5 8/20  $\mu$ s current surge requirements.

The use of silicon technology in the Power TVS products generally offers lower clamping voltage under surge than competing MOV technology.


Series	PTVS3-xxxC	PTVS6-xxxC	PTVS10-xxxC
Product Photo			
Type	PTVS Product		
Repetitive Stand-Off Voltage - $V_{WM}$	380 - 430 V	380 - 430 V	58 - 470 V
Peak Current Rating per 8/20 $\mu$ s - $I_{PPM}$	3,000 A	6,000 A	10,000 A

The devices above are provided in through-hole packages and meet industry standard requirements such as RoHS\* and Pb Free solder reflow profiles.

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

If you have any questions, please contact our [customer service teams](#) in your region.

#### Features

- 3 kA, 6 kA, 10 kA, 8/20  $\mu$ s surge capability
- Low clamping voltage under surge
- Bidirectional TVS
-  UL Recognized
- RoHS compliant\*

#### Applications

- AC line protection
- High power DC bus protection