

Featured Products Bulletin

POWER TVS PRODUCTS



Bourns Releases New Power TVS (PTVS) Products Model PTVS10-xxxC-TH Series

Riverside, California - January 27, 2014 - Bourns is pleased to announce the release of the [Model PTVS10-xxxC-TH Series](#) High Current Bidirectional TVS Diodes. These models are designed for use in high power DC bus clamping applications. They offer bidirectional port protection of 58 volts and 76 volts. The devices are RoHS compliant* and UL Recognized (pending). They also meet IEC 61000-4-5 8/20 μ s current surge requirements.

The use of silicon technology in the Power TVS products generally offers lower clamping voltage under surge compared to competing Metal Oxide Varistor (MOV) technology.

Series	PTVS10-058C-TH	PTVS10-076C-TH
Type	PTVS Product	
Repetitive Standoff Voltage - V_{WM}	58 V	76 V
Peak Current Rating per 8/20 μ s - I_{PPM}	10 kA	10 kA

The Bourns® Model PTVS10-xxxC-TH Series is provided in through-hole packages and meets 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.

Should you have any questions or need additional information, please contact our [customer service, inside sales teams](#) in your region.

Features

- 58 V or 76 V standoff voltage
- Very high surge current capability (10 kA @ 25 °C)
- Excellent surge performance versus temperature
- RoHS compliant*

Applications

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