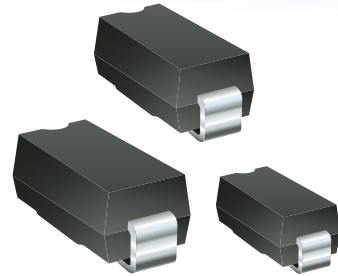


Product Update Memo

CHIP DIODES

April, 2006

Bourns Manufacturers Representatives
Corporate Distributor Product Managers
Americas Sales Team
Asia Sales Team
Europe Sales Team



Bourns to Obsolete 10 % Tolerance TVS Diodes

Bourns has reviewed the business activity of TVS Chip Diodes for the past three years and has identified that the shipment and sample activity for the 10 % tolerance TVS diodes is minimal compared to the 5 % tolerance TVS diodes. The activity relates to 10 % tolerance diodes (both unidirectional and bidirectional configurations) in **SMA**, **SMB** and **SMC** packages. General TVS diode market sales also indicate strong worldwide usage of 5 % tolerance TVS diodes over 10 % tolerance TVS diodes.

To better support our customers with production and sample builds while maintaining adequate stock levels, Bourns will discontinue the 10 % TVS Diode products series listed below. The last order date will be August 31, 2006 with a last shipment date of December 31, 2006.

- CD214A-Txx(LF)
- CD214A-TxxC(LF)
- CD214B-Txx(LF)
- CD214B-TxxC(LF)
- CD214C-Txx(LF)
- CD214C-TxxC(LF)

Bourns recommends the use of 5 % tolerance TVS devices to replace all 10 % tolerance TVS devices. Below are the recommended 5 % tolerance TVS diode part numbers to replace the 10 % tolerance TVS diode part numbers:

Old 10 % Part Number Series	Replacement 5 % Part Number Series
CD214A-Txx	CD214A-TxxA
CD214A-TxxLF	CD214A-TxxALF
CD214A-TxxC	CD214A-TxxCA
CD214A-TxxCLF	CD214A-TxxCALF
CD214B-Txx	CD214B-TxxA
CD214B-TxxLF	CD214B-TxxALF
CD214B-TxxC	CD214B-TxxCA
CD214B-TxxCLF	CD214B-TxxCALF
CD214C-Txx	CD214C-TxxA
CD214C-TxxLF	CD214C-TxxALF
CD214C-TxxC	CD214C-TxxCA
CD214C-TxxCLF	CD214C-TxxCALF

With the exception of the tighter 5 % tolerance on the *Breakdown Voltage* parameter, all other electrical and mechanical parameters remain the same.

Bourns will offer the replacement 5 % tolerance devices at the same price as the 10 % tolerance devices. See the Bourns Price Book for more details. Product data sheets with detailed specifications and an updated cross-reference list can be viewed on the Bourns website at www.bourns.com.