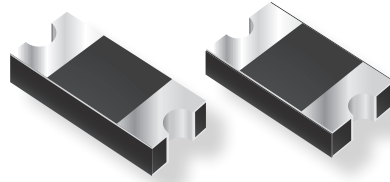


## New Product Release

### CHIP DIODES



## Bourns Adds New Schottky Rectifier Products Model CD0603-B and CD123D-B Series

Riverside, California - October 25, 2017 - Bourns is pleased to announce the release of two new rectifier diode series products for general applications. Portable electronics, communications, computing and video equipment manufacturers are challenging the semiconductor industry to develop increasingly power efficient solutions with smaller electronics components.

The Bourns® [Model CD0603-B Series](#) is available in a compact 0.6 mm low-profile SMD package measuring 1.6 mm x 0.9 mm x 0.6 mm, intended to be mounted directly onto an FR4 printed circuit board. The device fits the 0603 footprint.

The Bourns® [Model CD123D-B Series](#) is available in a compact 1.0 mm low-profile SMD package measuring 3.4 mm x 1.9 mm x 1.0 mm, intended to be mounted directly onto an FR4 printed circuit board. The device fits the SOD123 footprint.

Specification	CD0603-B Series	CD123D-B Series
Available Part Numbers	CD0603-B0240R CD0603-B0340R	CD123D-B120R CD123D-B140R CD123D-B140LR
Maximum Repetitive Peak Reverse Voltage	40 V	20 V / 40 V
Maximum Average Forward Rectified Current	200 mA / 300 mA	1 A
Instantaneous Forward Voltage	0.43 V / 0.47 V	0.46 V / 0.37 V

Each of the series is RoHS compliant\* and halogen free\*\*. Product data sheets with detailed specifications and a cross reference search feature can be viewed on the Bourns website at [www.bourns.com](http://www.bourns.com).

### Features

- RoHS compliant\* and halogen free\*\*
- Low forward voltage
- High current capability
- Compact surface mount package

### Applications

- Switched Mode Power Supplies (SMPS)
- High frequency rectification
- DC/DC converters
- Portable electronics

\* RoHS Directive 2015/863, Mar 31, 2015 and Annex.

\*\*Bourns considers a product to be "halogen free" if (a) the Bromine (Br) content is 900 ppm or less; (b) the Chlorine (Cl) content is 900 ppm or less; and (c) the total Bromine (Br) and Chlorine (Cl) content is 1500 ppm or less.