

## Applications

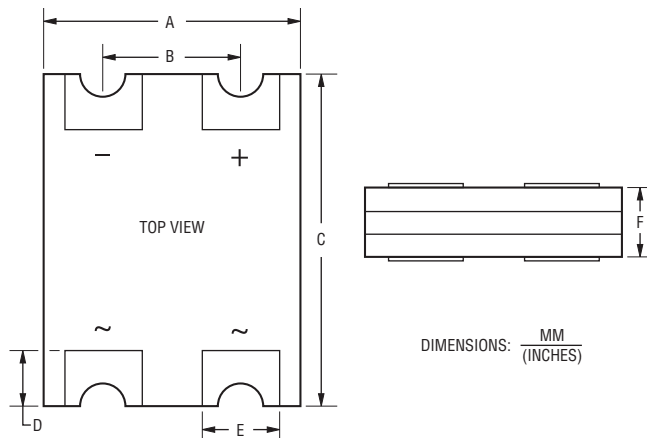
- AC operated products
- Computer monitors
- Set top boxes
- Cable modems

## CD2320-B1200~B11000 Surface Mount Bridge Rectifier Diode

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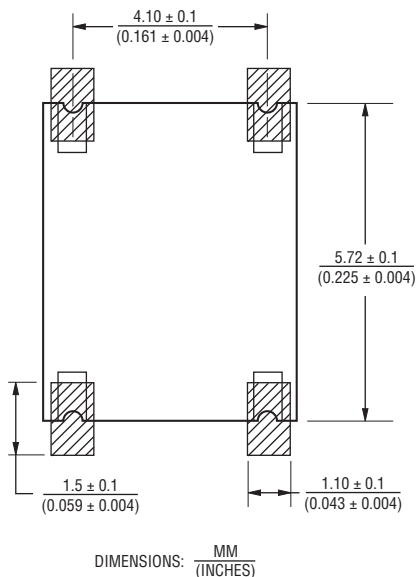
### Product Dimensions

This is an RoHS2 compliant product, packaged with FRP substrate and epoxy underfilled. The terminals are pure tin plated (lead free) and solderable per MIL-STD-750, Method 2026. The package and dimensions are shown below.



Dimensions	
A	$\frac{5.20 - 5.40}{(0.205 - 0.213)}$
B	$\frac{4.10 - 4.30}{(0.161 - 0.169)}$
C	$\frac{5.70 - 5.90}{(0.224 - 0.232)}$
D	$\frac{1.00 - 1.20}{(0.039 - 0.047)}$
E	$\frac{0.85 - 0.95}{(0.033 - 0.037)}$
F	$\frac{0.86 - 1.16}{(0.0338 - 0.0457)}$

### Recommended Footprint



### How to Order

Common Code **CD 2320 - B 1 800**

Chip Diode

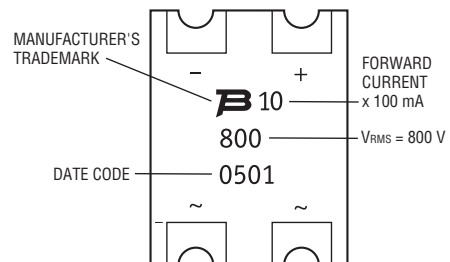
Package **2320 = 23" x 20"**

Model **B = Schottky Rectifier Series**

Current **1 = 1 A**

Working Peak Reverse Voltage **800 = 800 VRWM (Volts)**

### Typical Part Marking



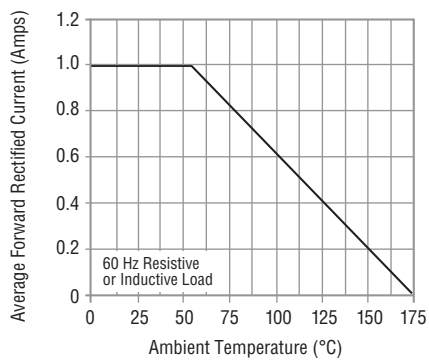
Specifications are subject to change without notice.  
The device characteristics and parameters in this data sheet can and do vary in different applications and actual device performance may vary over time.  
Users should verify actual device performance in their specific applications.

# CD2320-B1200~B11000 Surface Mount Bridge Rectifier Diode

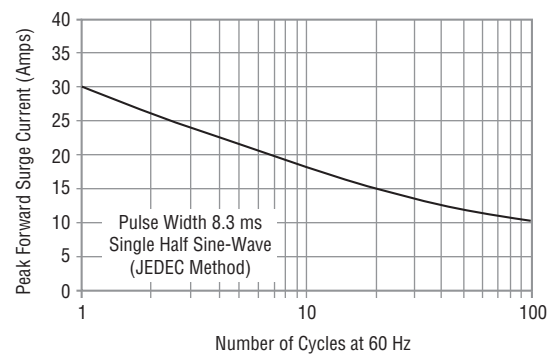
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## Rating and Characteristic Curves

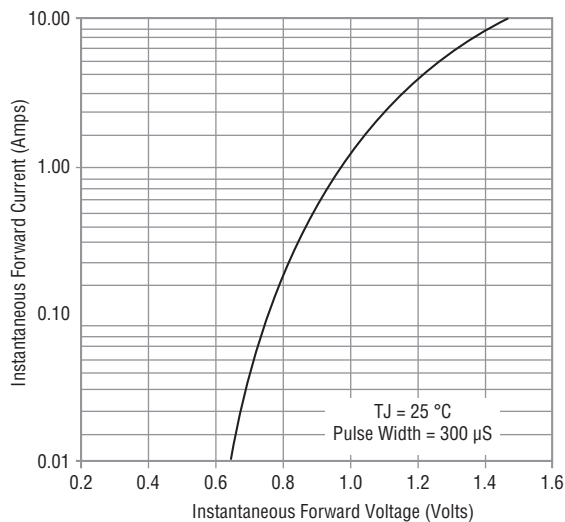
### Forward Current Derating Curve



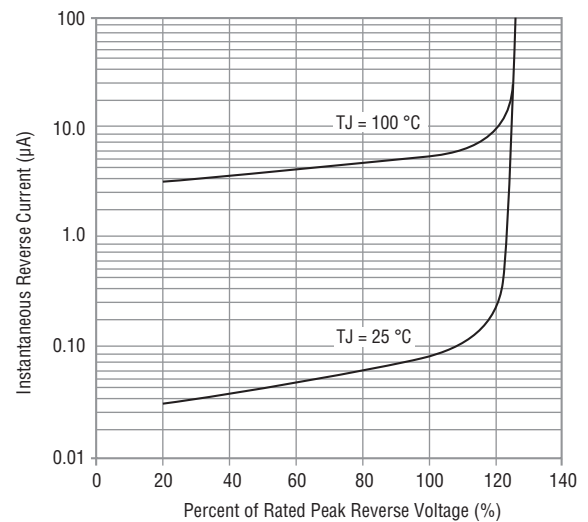
### Maximum Non-Repetitive Peak Forward Surge Current



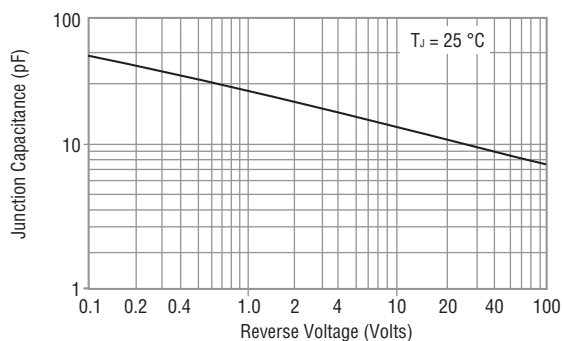
### Forward Characteristics



### Reverse Characteristics



### Typical Junction Capacitance



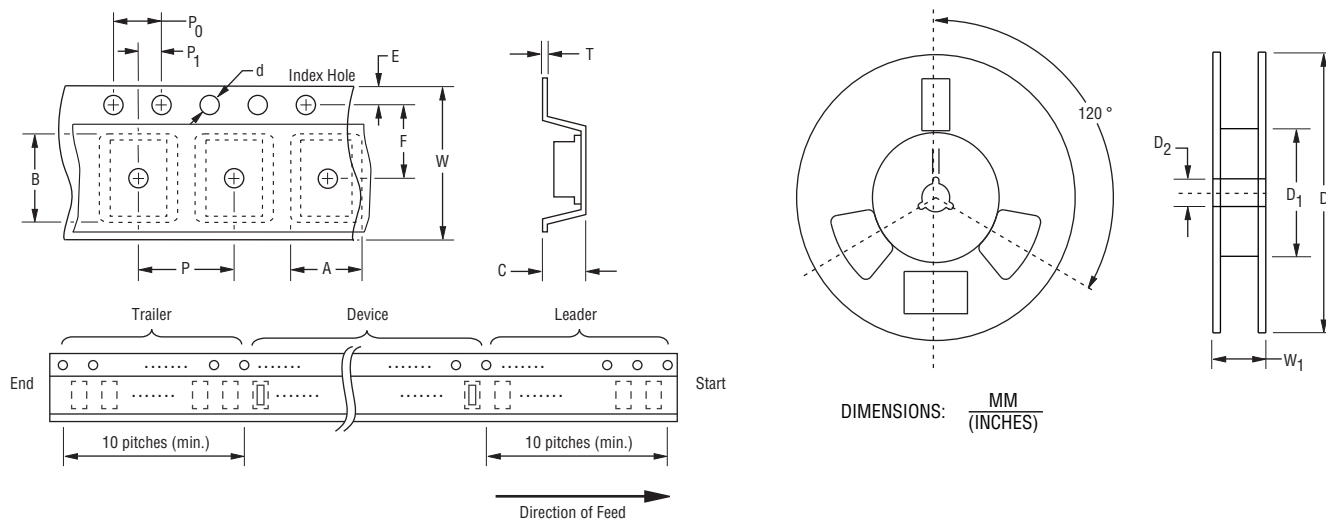
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# CD2320-B1200~B11000 Surface Mount Bridge Rectifier Diode

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## Packaging Information

The surface mount product is packaged in a 12 mm x 8 mm tape and reel format per EIA-481 standard.



Item	Symbol	2320
Carrier Width	A	$\frac{5.90 \pm 0.10}{(0.232 \pm 0.004)}$
Carrier Length	B	$\frac{6.50 \pm 0.10}{(0.256 \pm 0.004)}$
Carrier Depth	C	$\frac{1.50 \pm 0.10}{(0.059 \pm 0.004)}$
Sprocket Hole	d	$\frac{1.55 \pm 0.05}{(0.061 \pm 0.002)}$
Reel Outside Diameter	D	$\frac{330}{(12.992)}$
Reel Inner Diameter	D <sub>1</sub>	$\frac{50.0}{(1.969)} \text{ MIN.}$
Feed Hole Diameter	D <sub>2</sub>	$\frac{13.0 \pm 0.20}{(0.512 \pm 0.008)}$
Sprocket Hole Position	E	$\frac{1.75 \pm 0.10}{(0.069 \pm 0.004)}$
Punch Hole Position	F	$\frac{5.50 \pm 0.05}{(0.217 \pm 0.002)}$
Punch Hole Pitch	P	$\frac{8.00 \pm 0.10}{(0.315 \pm 0.004)}$
Sprocket Hole Pitch	P <sub>0</sub>	$\frac{4.00 \pm 0.10}{(0.157 \pm 0.004)}$
Embossment Center	P <sub>1</sub>	$\frac{2.00 \pm 0.05}{(0.079 \pm 0.002)}$
Overall Tape Thickness	T	$\frac{0.20 \pm 0.10}{(0.008 \pm 0.004)}$
Tape Width	W	$\frac{12.00 \pm 0.20}{(0.472 \pm 0.008)}$
Reel Width	W <sub>1</sub>	$\frac{18.7}{(0.736)} \text{ MAX.}$
Quantity per Reel	--	5,000

REV. 03/17

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