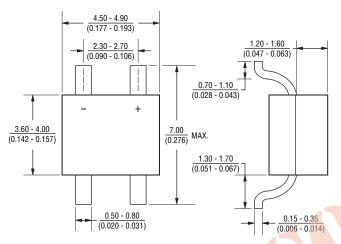
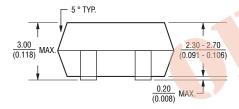
CDNBS04-B08200~B08800 Surface Mount Rectifier

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Product Dimensions

This is a molded package weighs approximately 0.125 g and can be mounted in any position. The dimensions for the packaged device are shown below.

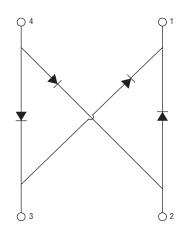




DIMENSIONS: $\frac{101101}{(INCHES)}$

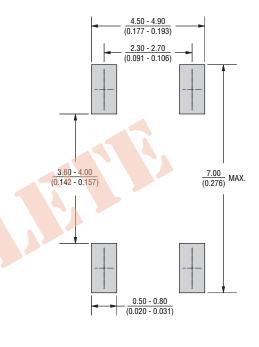
Block Diagram

The block diagram below includes the pin names and basic electrical connections associated with each channel.



Recommended Footprint

The device will mount onto existing JEDEC SOD-106 footprint.



MM DIMENSIONS: $\frac{IVIIVI}{(INCHES)}$

CD NBS04 - B 08 800 Common Code CD = Chip Diode Package -NBS04 Model Series B = Bridge Rectifier Maximum Rectified Current 08 = 100 mA

Working Peak Reverse Voltage 200 = 200 V_{RWM} 400 = 400 V_{RWM} 600 = 600 V_{RWM}

 $800 = 800 V_{RWM}$

How To Order

Typical Part Marking

CDNBS04-B08200	3 8 200
CDNBS04-B08400	3 8 400
CDNBS04-B08600	3 8 600
CDNRS04 R08800	2 .8800

Specifications are subject to change without notice.

Users should verify actual device performance in their specific applications.

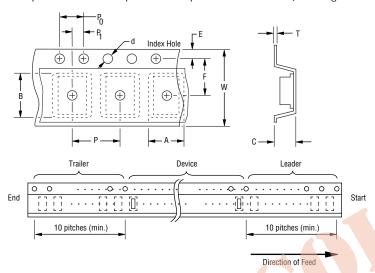
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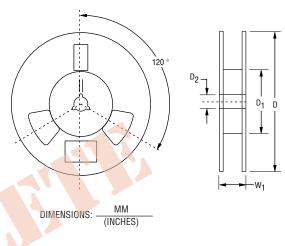
CDNBS04-B08200~B08800 Surface Mount Rectifier

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Packaging Specifications

The product will be dispensed in Tape and Reel format (see diagram below).





Devices are packed in accordance with EIA standard RS-481-A.

Item	Symbol	NSOIC 4L
Carrier Width	А	$\frac{6.7 \pm 0.10}{(0.264 \pm 0.004)}$
Carrier Length	В	$\frac{5.5 \pm 0.10}{0.217 \pm 0.004}$
Carrier Depth	C	$\frac{2.10 \pm 0.10}{0.083 \pm 0.004}$
Sprocket Hole	d	$\frac{1.55 \pm 0.05}{(0.061 \pm 0.002)}$
Reel Outside Diameter	D	330 (12.992)
Reel Inner Diameter	D ₁	$\frac{80.0}{(3.1500)}$ MIN.
Feed Hole Diameter	D ₂	$\frac{13.0 \pm 0.20}{(0.512 \pm 0.008)}$
Sprocket Hole Position	E	$\frac{1.75 \pm 0.10}{(0.069 \pm 0.004)}$
Punch Hole Position	F	$\frac{3.50 \pm 0.05}{(0.138 \pm 0.002)}$
Punch Hole Pitch	Р	$\frac{8.00 \pm 0.10}{(0.315 \pm 0.004)}$
Sprocket Hole Pitch	P ₀	$\frac{4.00 \pm 0.10}{(0.157 \pm 0.004)}$
Embossment Center	P ₁	$\frac{2.00 \pm 0.05}{(0.079 \pm 0.002)}$
Overall Tape Thickness	Т	$\frac{0.20 \pm 0.10}{(0.008 \pm 0.004)}$
Tape Width	W	$\frac{12.00 \pm 0.20}{(0.472 \pm 0.008)}$
Reel Width	W ₁	$\frac{18.4}{(0.724)}$ MAX.
Quantity per Reel	-	2500

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Users should verify actual device performance in their specific applications.

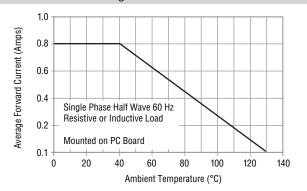
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CDNBS04-B08200~B08800 Surface Mount Rectifier

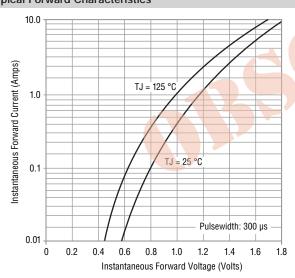
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Performance Graphs

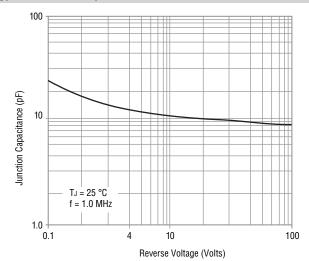
Forward Current Derating Curve



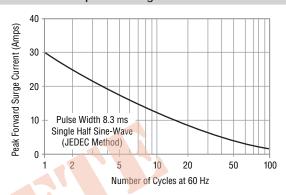
Typical Forward Characteristics



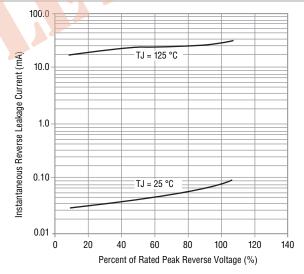
Typical Junction Capacitance



Maximum Non-Repetitive Surge Current



Typical Reverse Characteristics



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