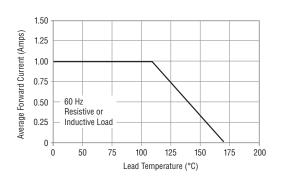
CD1408-F1200~F11000 - Surface Mount Rectifier Diode

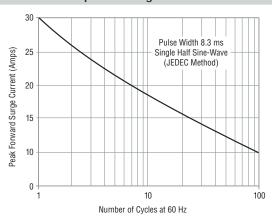
BOURNS

Performance Graphs

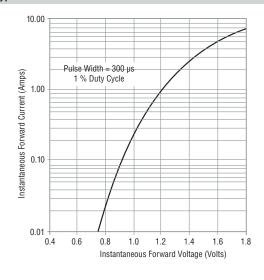
Forward Current Derating Curve



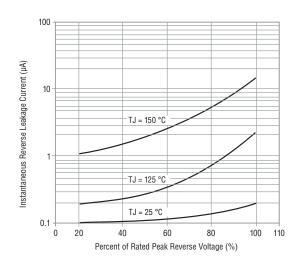
Maximum Non-Repetitive Surge Current



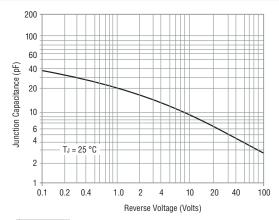
Typical Forward Characteristics



Typical Reverse Characteristics



Typical Junction Capacitance



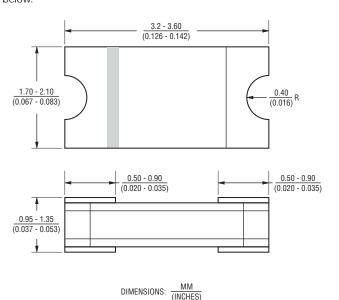
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CD1408-F1200~F11000 - Surface Mount Rectifier Diode

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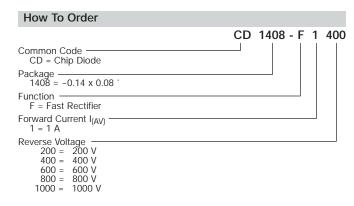
Product Dimensions

This is a lead free product, packaged with FRP substrate and is epoxy underfilled. The terminals are pure tin plated and are solderable per MIL-STD-750, Method 2026. The package weighs approximately 0.02 g. The package and dimensions are shown below.



Recommended Footprint

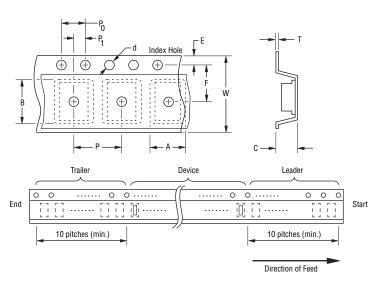
The device will mount onto existing JEDEC SOD-87 footprint.



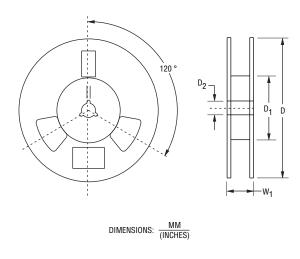
ypical Part Marking		
CD1408-F1200	B1 FD	
CD1408-F1400	B1 FG	
CD1408-F1600	B1 FJ	
CD1408-F1800	B1 FK	
CD1408-F11000	B1 FM	

Packaging Information

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



Item	Symbol	1408
Carrier Width	А	$\frac{1.85 \pm 0.1}{(0.073 \pm 0.004)}$
Carrier Length	В	$\frac{3.65 \pm 0.1}{(0.144 \pm 0.004)}$
Carrier Depth	С	$\frac{1.25 \pm 0.1}{(0.05 \pm 0.004)}$
Sprocket Hole	d	$\frac{1.50 \pm 0.1}{(0.059 \pm 0.004)}$
Reel Outside Diameter	D	$\frac{178 \pm 2.0}{(7.008 \pm 0.079)}$
Reel Inner Diameter	D ₁	50 (1.969) Min.
Feed Hole Diameter	D ₂	$\frac{13.0 \pm 0.5}{(0.512 \pm 0.020)}$
Sprocket Hole Position	E	$\frac{1.75 \pm 0.1}{(0.069 \pm 0.004)}$
Punch Hole Position	F	$\frac{5.50 \pm 0.05}{(0.217 \pm 0.002)}$
Punch Hole Pitch	Р	$\frac{4.00 \pm 0.1}{(0.157 \pm 0.004)}$
Sprocket Hole Pitch	P ₀	$\frac{4.00 \pm 0.1}{(0.157 \pm 0.004)}$
Embossment Center	P ₁	$\frac{2.0 \pm 0.1}{(0.079 \pm 0.002)}$
Overall Tape Thickness	Т	0.40 Max.
Tape Width	W	$\frac{12.00 \pm 0.30}{(0.472 \pm 0.012)}$
Reel Width	W ₁	$\frac{18.7}{(0.736)}$ Max.
Quantity per Reel	_	3,000



Devices are packed in accordance with EIA standard RS-481-A and specifications shown here.

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REV. 03/20

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