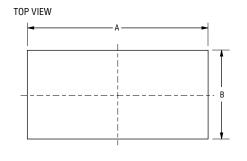
CDDFN2-T3.3B - Surface Mount TVS Diode

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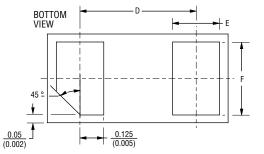
Product Dimensions

This is a molded DFN-2 package weighing approximately 0.9 mg.



SIDE VIEW

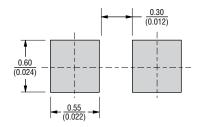




Symbol	Dimensions		
	Min.	Nom.	Max.
A	0.95	1.00	1.05
	(0.037)	(0.039)	(0.041)
В	0.55	0.60	0.65
	(0.022)	(0.024)	(0.026)
С	0.41	0.45	0.50
	(0.016)	(0.018)	(0.020)
D	0.65		
	(0.026)		
E	0.20	0.25	0.30
	(0.008)	(0.010)	(0.012)
F	0.45	0.50	0.55
	(0.018)	(0.020)	(0.022)

MM DIMENSIONS: (INCHES)

Recommended PCB Footprint



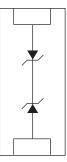
Typical Part Marking	
CDDFN2-T3.3B	Y
How to Order	
	CD DFN2 - T 3.3 B
Common Diode	
Package	
Model	

Transient Voltage Suppressor Working Peak Reverse Voltage 3.3 = 3.3 V_{RWM} (Volts)

Suffix

B = Bidirectional Diode

Block Diagram



Specifications are subject to change without notice. Users should verify actual device performance in their specific applications.

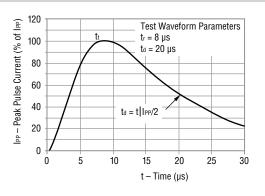
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CDDFN2-T3.3B - Surface Mount TVS Diode

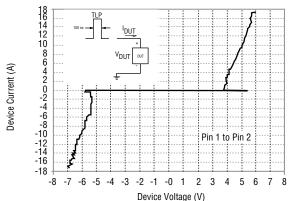
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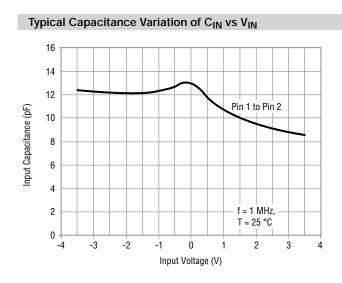
Performance Graphs

Pulse Waveform



TLP I-V Plot





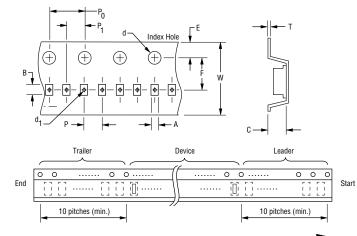
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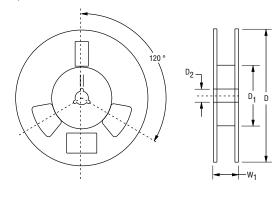
CDDFN2-T3.3B - Surface Mount TVS Diode

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Packaging Information

The surface mount product is packaged in an 8 mm x 4 mm tape and reel format per EIA-481 standard.





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

		Direction of Feed
Item	Symbol	DFN-2
Carrier Width	А	$\frac{0.70 \pm 0.05}{(0.028 \pm 0.002)}$
Carrier Length	В	<u>1.15 ± 0.05</u> (0.045 ± 0.002)
Carrier Depth	С	$\frac{0.47 \pm 0.05}{(0.019 \pm 0.002)}$
Sprocket Hole	d	$\frac{1.55 \pm 0.05}{(0.061 \pm 0.002)}$
Reel Outside Diameter	D	$\frac{179.0 \pm 1.00}{(7.05 \pm 0.04)}$
Punch Hole	d ₁	$\frac{0.4 \pm 0.05}{0.016 \pm 0.002}$
Reel Inner Diameter	D ₁	$\frac{60.0 \pm 0.50}{2.362 \pm 0.02}$
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	$\frac{2.00 \pm 0.05}{(0.079 \pm 0.002)}$
Sprocket Hole Pitch	P ₀	$\frac{4.00 \pm 0.10}{(0.157 \pm 0.004)}$
Embossment Center	P1	$\frac{2.00 \pm 0.05}{(0.079 \pm 0.002)}$
Overall Tape Thickness	т	$\frac{0.20 \pm 0.05}{(0.008 \pm 0.002)}$
Tape Width	W	$\frac{8.00 \pm 0.10}{(0.315 \pm 0.004)}$
Reel Width	W ₁	14.4 (0.567) MAX.
Quantity per Reel		12,000

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