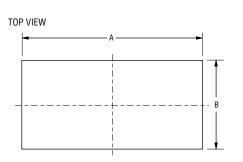
CDDFN2-T5.0LC - Surface Mount TVS Diode

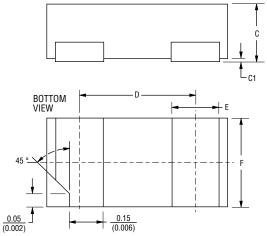
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Product Dimensions

This is a molded DFN-2 package weighing approximately 1.1 mg.



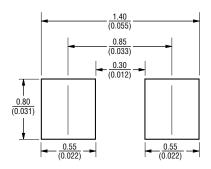
SIDE VIEW





Symbol	Dimensions			
	Min.	Nom.	Max.	
A	1.00			
	(0.039)			
В	0.60			
	(0.024)			
С	0.51	0.55	0.60	
	(0.020)	(0.022)	(0.024)	
C1	0.00	0.02	0.05	
	(0.000)	(0.001)	(0.002)	
D	0.65			
	(0.026)			
E	0.10	0.25	0.35	
	(0.004)	(0.010)	(0.014)	
F	0.45	0.60	0.70	
	(0.018)	(0.024)	(0.028)	

Recommended PCB Footprint



Typical Part Marking

CDDFN2-T5.0LC

How to Order		
	CD DFN2	2-T 5.0 LC
Common Diode		
Package DFN2 = DFN-2 Package		
Model		
Transient Voltage Suppressor		
Working Peak Reverse Voltage — 5.0 = 5.0 V _{RWM} (Volts)		
Suffix		

LC = Low Capacitance Bidirectional Diode

Block Diagram

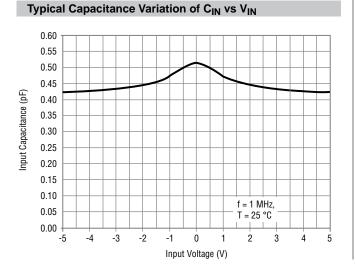


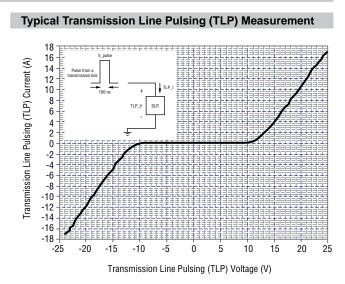
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CDDFN2-T5.0LC - Surface Mount TVS Diode

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Performance Graphs





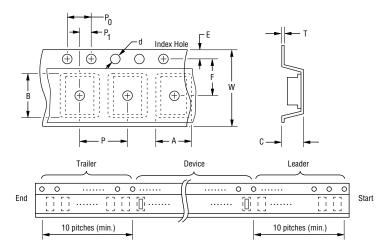
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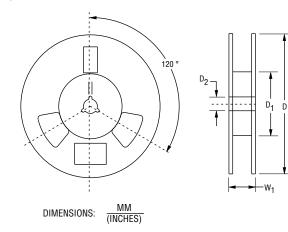
CDDFN2-T5.0LC - Surface Mount TVS Diode

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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.





		Direction of Feed
Item	Symbol	DFN-2
Carrier Width	А	$\frac{0.7 \pm 0.05}{(0.028 \pm 0.002)}$
Carrier Length	В	$\frac{1.15 \pm 0.05}{(0.045 \pm 0.002)}$
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	$\frac{180.00 \pm 2.00}{(7.087 \pm .079)}$
Reel Inner Diameter	D ₁	$\frac{60.00 \pm 1.00}{(2.362 \pm 0.039)}$
Feed Hole Diameter	D ₂	$\frac{13.10 \pm 0.20}{(0.516 \pm 0.008)}$
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	$\frac{2.00 \pm 0.10}{(0.079 \pm 0.004)}$
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	$\frac{0.20 \pm 0.05}{(0.008 \pm 0.002)}$
Tape Width	W	$\frac{8.00 \pm 0.10}{(0.315 \pm 0.004)}$
Reel Width	W ₁	$\frac{11.60 \pm 1.00}{(0.457 \pm 0.039)}$
Quantity per Reel		12,000

REV. 09/19

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