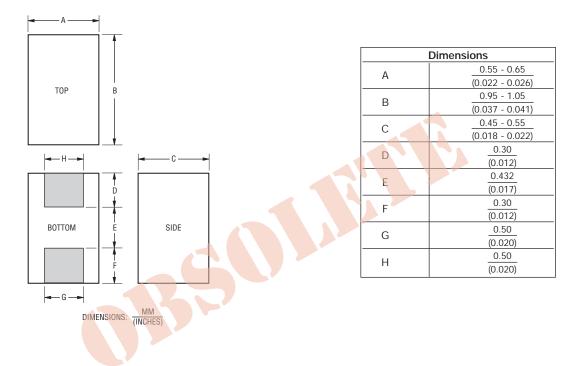
CDDFN2-T4.7C – Surface Mount TVS Diode

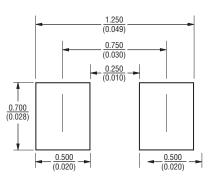
BOURN

Product Dimensions

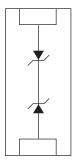
This is a Molded DFN-2 package with lead free 100 % Sn plating on the terminations. It weighs approximately 30 mg.



Recommended PCB Footprint



Block Diagram



Typical Part Marking

CDDFN2-T4.7C	Е	5
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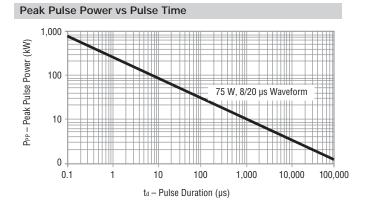
Specifications are subject to change without notice. Users should verify actual device performance in their specific applications.

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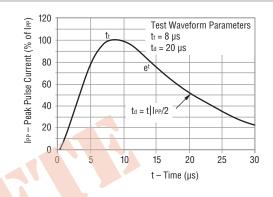
CDDFN2-T4.7C – Surface Mount TVS Diode

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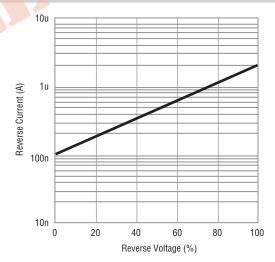
Performance Graphs



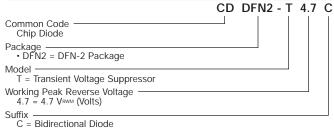
Pulse Wave Form



Reverse Characteristics



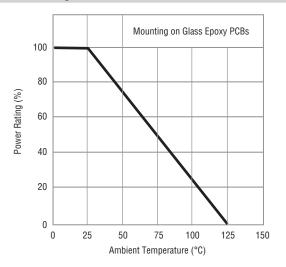
How To Order



Overshoot & Clamping voltage



Power Derating Curve



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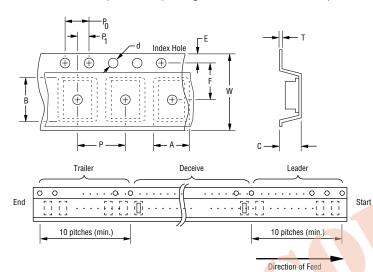
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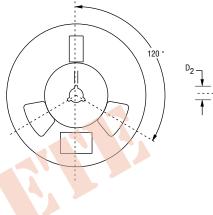
CDDFN2-T4.7C – Surface Mount TVS Diode

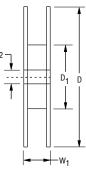
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Packaging Information

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







1	-	
Item	Symbol	DFN-2
Carrier Width	А	0.80 ±0.10 (0.031 - 0.004)
Carrier Length	В	$\frac{1.20 \pm 0.10}{(0.047 - 0.004)}$
Carrier Depth	С	$\frac{0.70 \pm 0.10}{(0.027 - 0.004)}$
Sprocket Hole	d	<u>1.55 ±0.05</u> (0.061 - 0.002)
Reel Outside Diameter	D	<u>178</u> (7.008)
Reel Inner Diameter	D ₁	<u>50.0</u> (1.969) Min.
Feed Hole Diameter	D ₂	<u>13.0 ±0.20</u> (0.512 - 0.008)
Sprocket Hole Position	E	$\frac{1.75 \pm 0.10}{(0.069 - 0.004)}$
Punch Hole Position	F	<u>3.50 ±0.05</u> (0.138 - 0.002)
Punch Hole Pitch	Р	$\frac{4.00 \pm 0.10}{(0.157 - 0.004)}$
Sprocket Hole Pitch	P ₀	$\frac{4.00 \pm 0.10}{(0.157 - 0.004)}$
Embossment Center	P ₁	<u>2.00 ±0.05</u> (0.079 - 0.002)
Overall Tape Thickness	Т	$\frac{0.20 \pm 0.10}{(0.008 - 0.004)}$
Tape Width	W	8.00 ±0.20 (0.315 - 0.008)
Reel Width	W ₁	$\frac{14.4}{(0.567)}$ Max.
Quantity per Reel		5,000



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