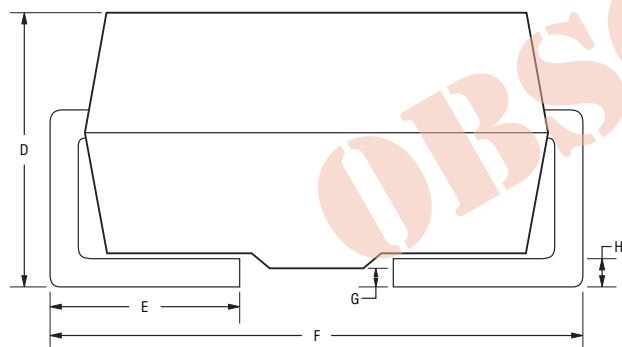
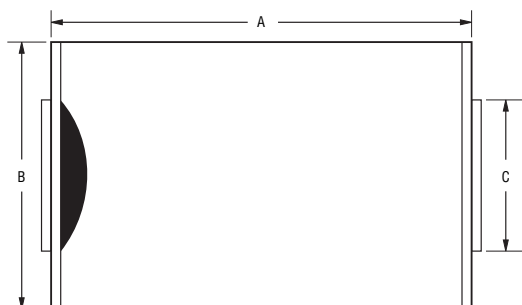


CD214B-F250~F2600 Surface Mount Fast Response Rectifiers

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Product Dimensions

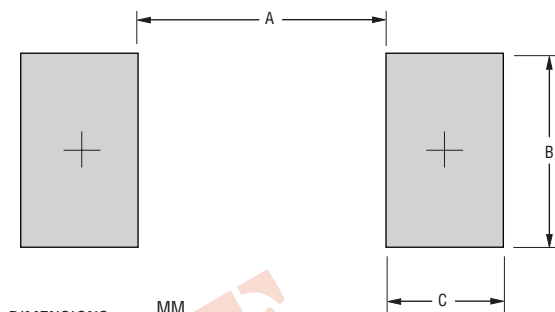
This is an RoHS compliant product. It is a molded plastic package. A cathode band indicates the polarity. The package weighs approximately 0.064 g. The package and dimensions are shown below.



Dimensions	
A	$\frac{4.06 - 4.57}{(0.167 - 0.187)}$
B	$\frac{3.30 - 3.94}{(0.130 - 0.150)}$
C	$\frac{1.96 - 2.21}{(0.075 - 0.087)}$
D	$\frac{2.01 - 2.62}{(0.079 - 0.096)}$
E	$\frac{0.76 - 1.52}{(0.039 - 0.055)}$
F	$\frac{5.21 - 5.59}{(0.197 - 0.236)}$
G	$\frac{0.05 - 0.20}{(0.00196 - 0.00787)}$
H	$\frac{0.15 - 0.31}{(0.006 - 0.016)}$

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

Recommended Pad Layout



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

Dimension	SMA (DO-214AC)
A	$\frac{2.90}{(0.114)}$
B	$\frac{3.00}{(0.118)}$
C	$\frac{2.30}{(0.091)}$

How To Order

Common Code **CD 214B - F 2 50**
 Chip Diode
 Package
 • 214B = SMB/DO-214AA
 Model
 F = Fast Response Rectifiers
 Forward Current I_{AV}
 2 = 2 A
 Reverse Voltage
 50 = 50 V
 100 = 100 V
 150 = 150 V
 200 = 200 V
 400 = 400 V
 600 = 600 V

Specifications are subject to change without notice.

The device characteristics and parameters in this data sheet can and do vary in different applications and actual device performance may vary over time.

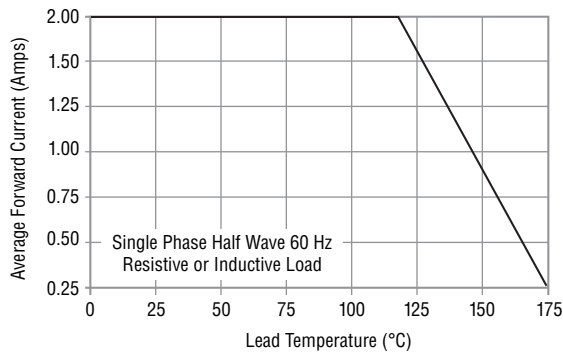
Users should verify actual device performance in their specific applications.

CD214B-F250~F2600 Surface Mount Fast Response Rectifiers

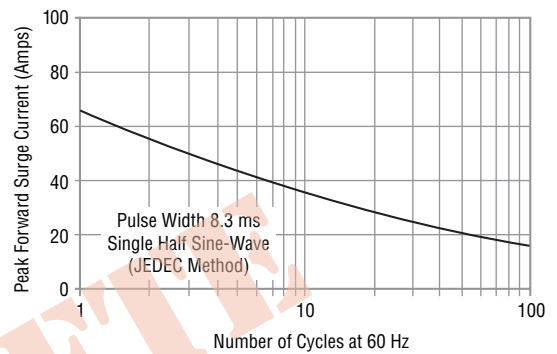
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Rating and Characteristic Curves

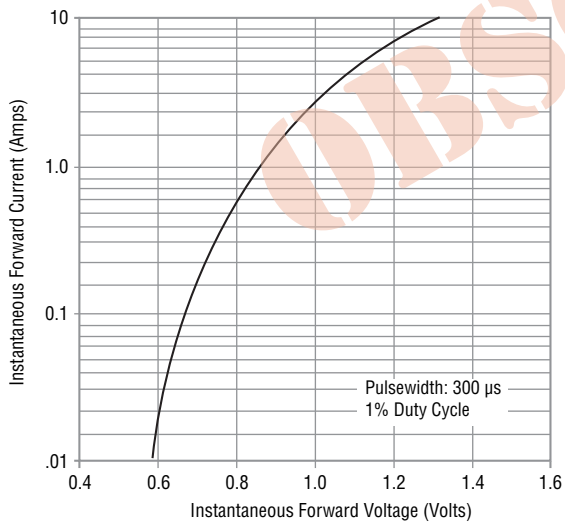
Forward Current Derating Curve



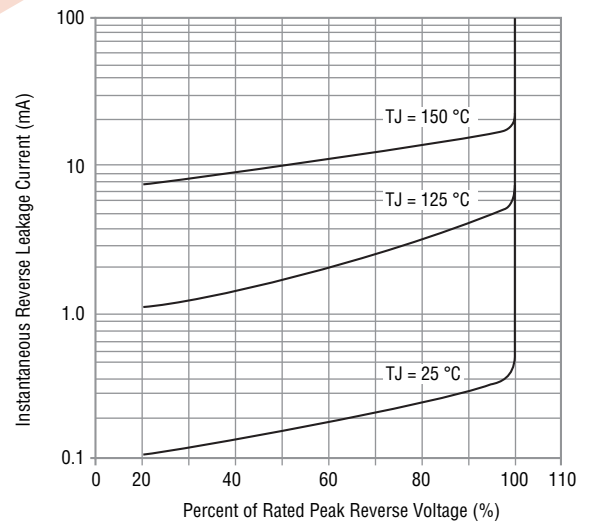
Non-Repetitive Surge Current



Forward Characteristics



Reverse Characteristics



Specifications are subject to change without notice.

The device characteristics and parameters in this data sheet can and do vary in different applications and actual device performance may vary over time.

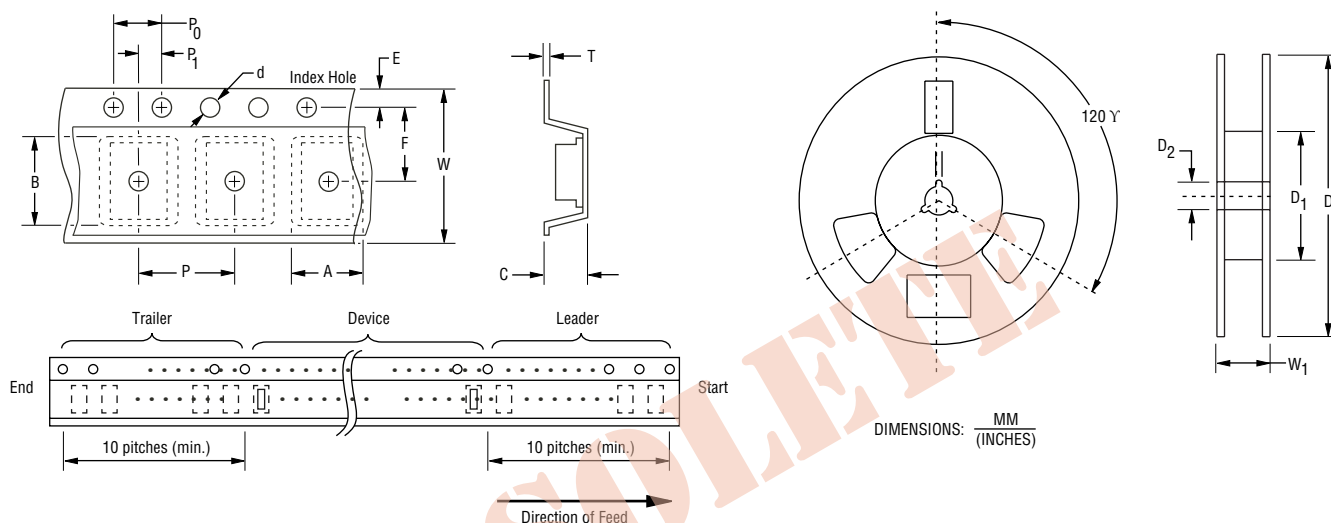
Users should verify actual device performance in their specific applications.

CD214B-F250~F2600 Surface Mount Fast Response Rectifiers

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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.



Item	Symbol	DO-214AA (SMB)
Carrier Width	A	1.90 ± 0.10 (0.075 ± 0.004)
Carrier Length	B	4.30 ± 0.10 (0.169 ± 0.004)
Carrier Depth	C	1.80 ± 0.10 (0.071 ± 0.004)
Sprocket Hole	d	1.55 ± 0.05 (0.061 ± 0.002)
Reel Outside Diameter	D	178 (7.008)
Reel Inner Diameter	D ₁	80.0 (3.150) MIN.
Feed Hole Diameter	D ₂	13.0 ± 0.20 (0.512 ± 0.008)
Sprocket Hole Position	E	1.75 ± 0.10 (0.069 ± 0.004)
Punch Hole Position	F	3.50 ± 0.05 (0.138 ± 0.002)
Punch Hole Pitch	P	4.00 ± 0.10 (0.157 ± 0.004)
Sprocket Hole Pitch	P ₀	4.00 ± 0.10 (0.157 ± 0.004)
Embossment Center	P ₁	2.00 ± 0.05 (0.079 ± 0.002)
Overall Tape Thickness	T	0.20 ± 0.10 (0.008 ± 0.004)
Tape Width	W	8.00 ± 0.20 (0.315 ± 0.008)
Reel Width	W ₁	13.5 (0.531) MIN.
Quantity per Reel	—	3,000

REV. 01/18

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