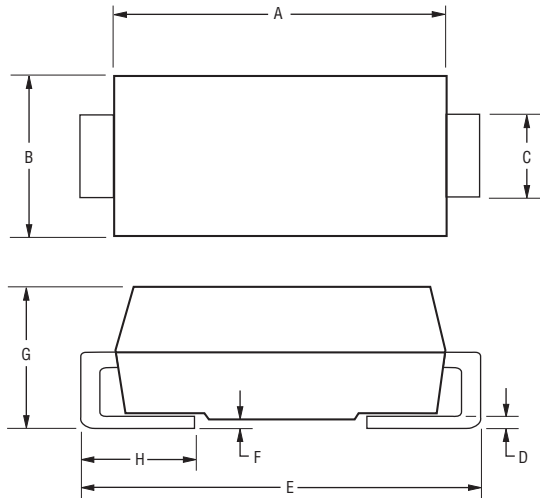


CD214C-B320 ~ B360 Schottky Barrier Rectifier Chip Diode

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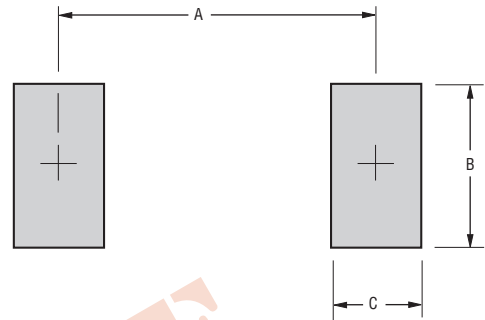
Product Dimensions



Dimension	SMC (DO-214AB)
A	$\frac{6.60 - 7.11}{(0.260 - 0.280)}$
B	$\frac{5.59 - 6.22}{(0.220 - 0.245)}$
C	$\frac{2.92 - 3.18}{(0.115 - 0.125)}$
D	$\frac{0.15 - 0.31}{(0.006 - 0.112)}$
E	$\frac{7.75 - 8.13}{(0.305 - 0.320)}$
F	$\frac{0.05 - 0.20}{(0.002 - 0.008)}$
G	$\frac{2.01 - 2.62}{(0.080 - 0.103)}$
H	$\frac{0.76 - 1.52}{(0.030 - 0.060)}$

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

Recommended Pad Layout



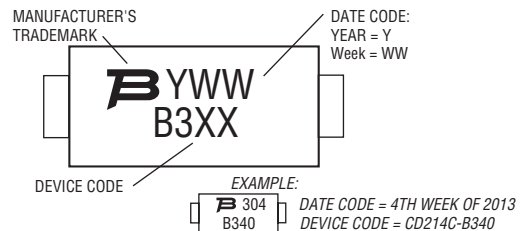
Dimension	SMC (DO-214AB)
A	$\frac{7.90}{(0.311)}$
B	$\frac{4.00}{(0.157)}$
C	$\frac{2.30}{(0.091)}$

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

Physical Specifications

Case Molded plastic
Polarity..... Indicated by cathode band
Weight 0.007 ounces / 0.21 grams

Typical Part Marking



Specifications are subject to change without notice.

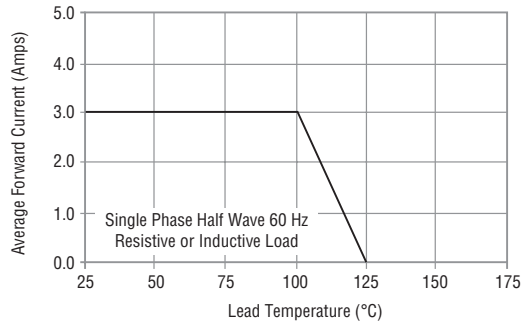
The device characteristics and parameters in this data sheet can and do vary in different applications and actual device performance may vary over time. Users should verify actual device performance in their specific applications.

CD214C-B320 ~ B360 Schottky Barrier Rectifier Chip Diode

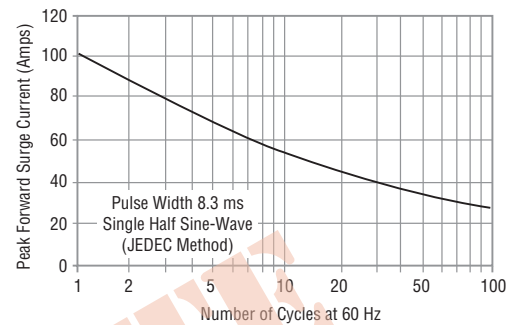
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Rating and Characteristic Curves

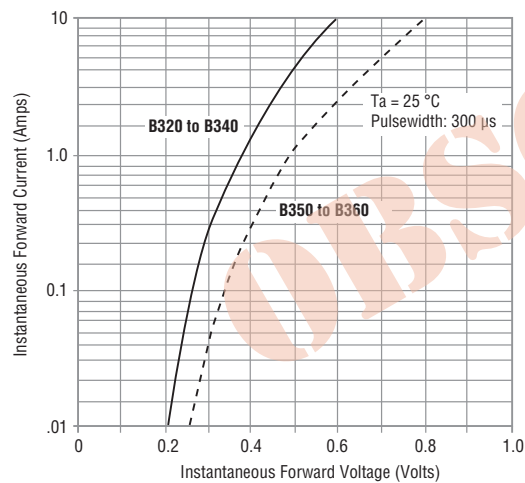
Forward Current Derating Curve



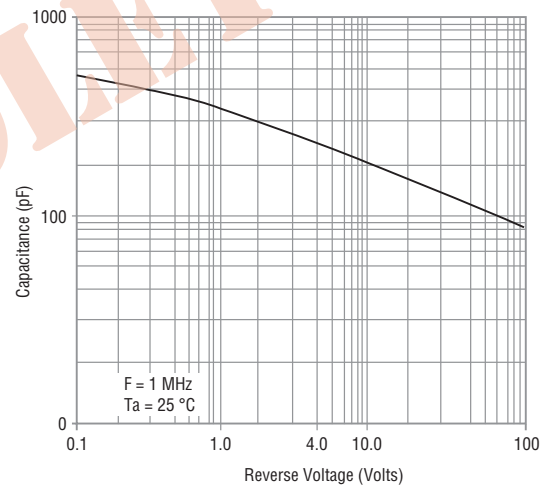
Maximum Non-Repetitive Surge Current



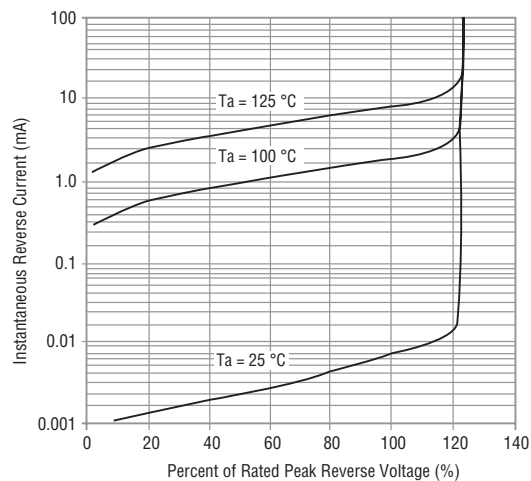
Typical Forward Characteristics



Typical Junction Capacitance



Typical Reverse Characteristics



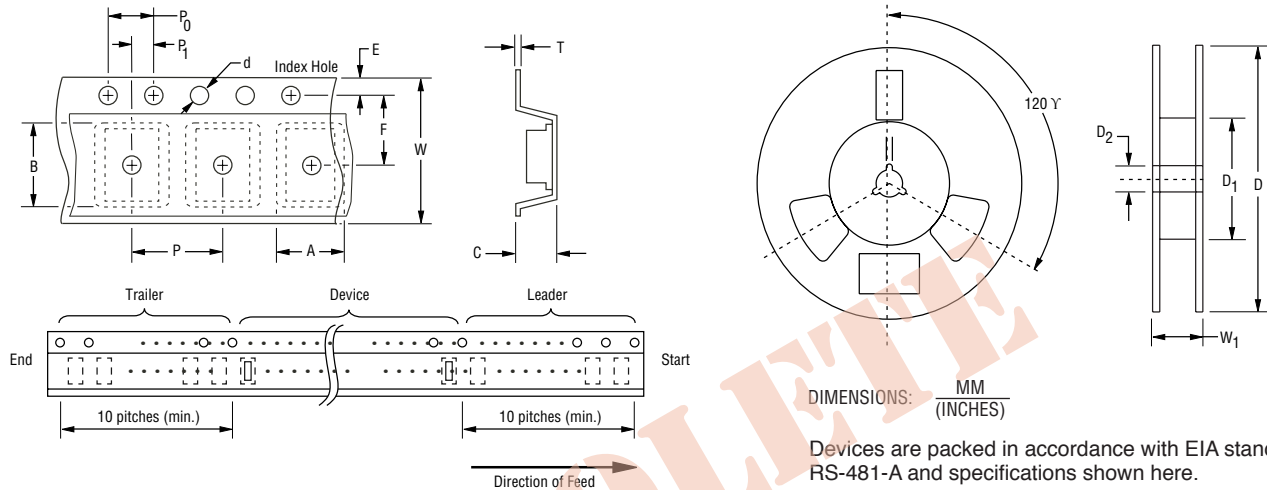
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CD214C-B320 ~ B360 Schottky Barrier Rectifier Chip Diode

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Packaging Information

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



Item	Symbol	SMC (DO-214AB)
Carrier Width	A	7.22 ± 0.10 (0.284 - 0.004)
Carrier Length	B	8.11 ± 0.10 (0.319 - 0.004)
Carrier Depth	C	2.36 ± 0.10 (0.093 - 0.004)
Sprocket Hole	d	1.55 ± 0.05 (0.061 - 0.002)
Reel Outside Diameter	D	330 (12.992)
Reel Inner Diameter	D ₁	50.0 (1.969) 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	7.50 ± 0.10 (0.295 - 0.004)
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 ± 0.10 (0.079 - 0.004)
Overall Tape Thickness	T	0.30 ± 0.10 (0.012 - 0.004)
Tape Width	W	16.00 ± 0.20 (0.630 - 0.008)
Reel Width	W ₁	22.4 (0.882) MAX.
Quantity per Reel	--	3,000

REV. 01/18

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