



CHINA BASE
INTERNATIONAL

SMB

SS22-SS220

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SS22 THRU SS220

Surface Mount Schottky Rectifier

Essential information; basic information

Features

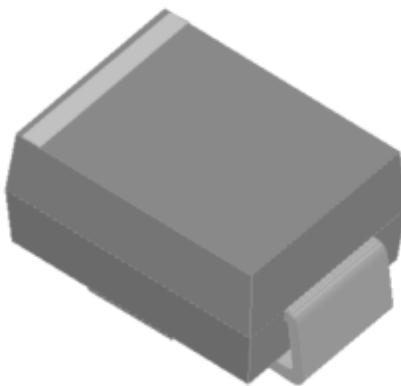
- Low profile package
- Ideal for automated placement
- Glass passivated chip junction

Typical Applications

For use in general purpose rectification of powersupplies, inverters, converters, and freewheeling diodes for consumer, and telecommunication.

Mechanical Data

- Package: DO-214AA (SMB)
Molding compound meets UL 94 V-0 flammability rating, RoHS-compliant
- Terminals: Tin plated leads, solderable per J-STD-002 and JESD22-B102
- Polarity: Cathode line denotes the cathode end



Maximum Ratings (Ta=25°C Unless otherwise specified)

PARAMETER	SYMBOL	UNIT	SS22B	SS24B	SS26B	SS28B	SS210B	SS215B	SS220B
			SS22	SS24	SS26	SS28	SS210	SS215	SS220
Maximum Repetitive peak reverse voltage	VRM	V	20	40	60	80	100	150	200
Average rectified output current@60Hz sine wave, resistance load, TL (Fig.1)	IO	A					2.0		
Forward Surge Current (Non-repetitive)@60Hz Half-sine wave, 1 cycle, Tj=25°C	IFSM	A					40		
Storage temperature	Tstg	°C				-55 ~ +150			
Junction temperature	Tj	°C	-55 ~ +125			-55 ~ +150			
Maximum instantaneous forward voltage drop per diode	VF (IFM=2.0A)	V	0.6	0.7	0.85	0.95			
Maximum DC reverse current at rated DC blocking voltage per diode @VRM=VRM	IR (Tj =25°C)	mA	0.5			0.1			
	IR (Tj =100°C)		10			5			



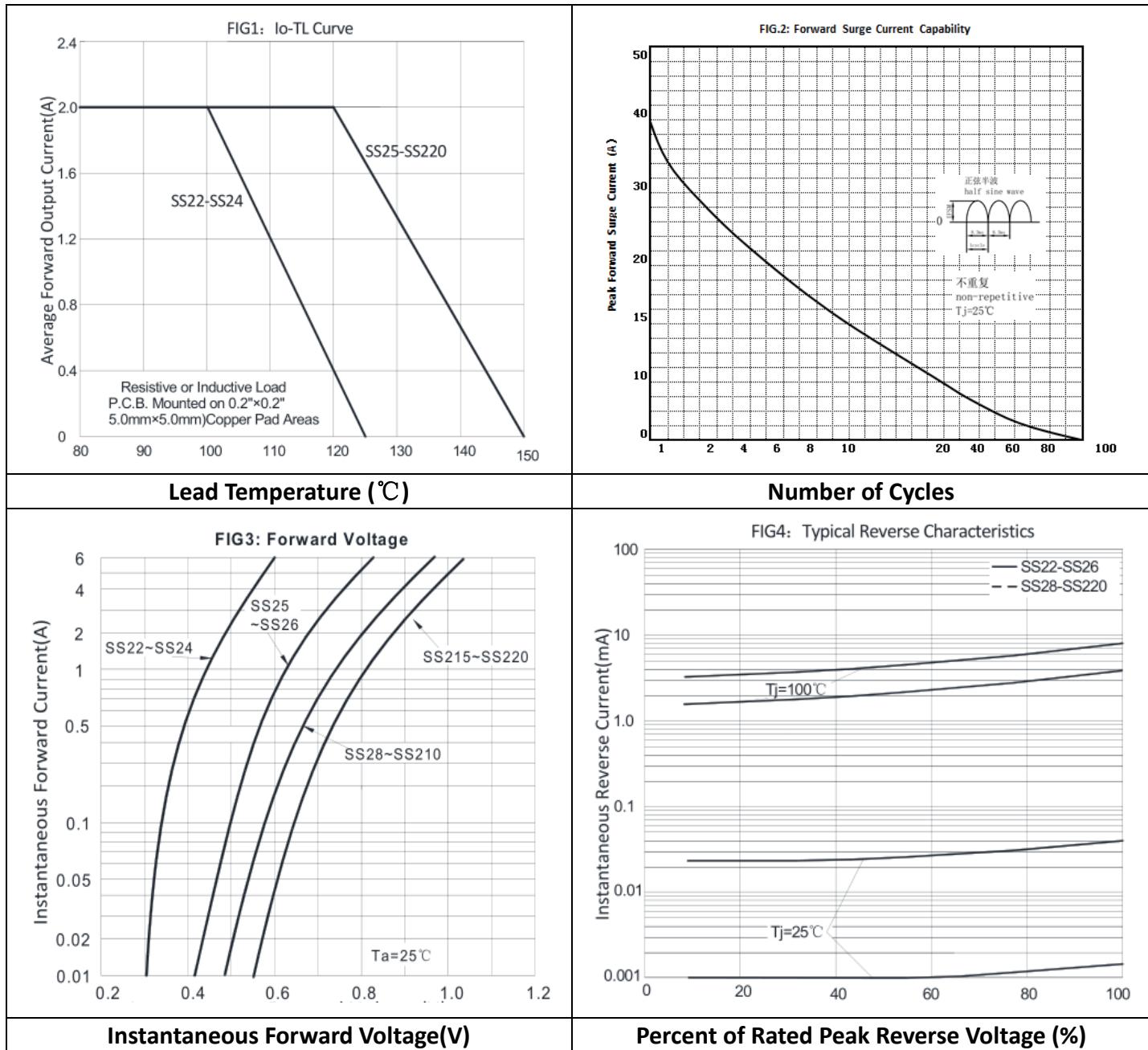
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Characteristics (Typical)



Ordering Information (Example)

type specification	manner of packin	MINIMUM PACKAGE(pcs)	INNER BOX QUANTITY(pcs)	OUTER CARTON QUANTITY(pcs)	DELIVERY MODE
SS22-SS220 (SMB)	T/B	3000	6000	60000	13" reel



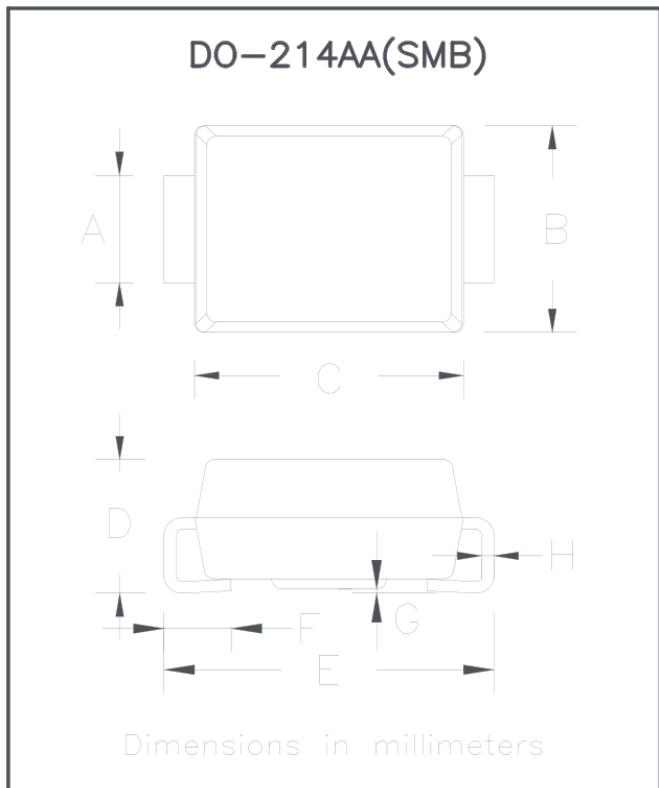
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Outline Dimensions



DO-214AA(SMB)		
Dim	Min	Max
A	1.85	2.15
B	3.30	3.94
C	4.05	4.75
D	1.99	2.61
E	5.21	5.59
F	0.90	1.41
G	0.10	0.20
H	0.15	0.31

Disclaimer

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