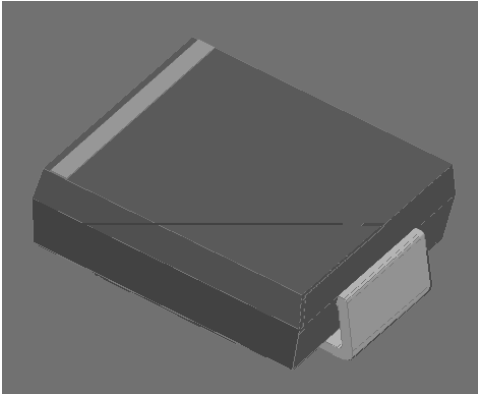
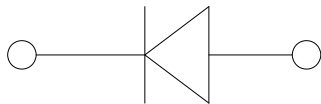




- Low profile package
- Ideal for automated placement
- Glass passivated chip junction
- High forward surge capability
- Meets MSL level 1, per J-STD-020, LF maximum peak of 260 °C

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



- Package: DO-214AB (SMC)
- Molding compound meets UL 94 V-0 flammability rating, RoHS-compliant, halogen-free
- Terminals: Tin plated leads, solderable per J-STD-002 and JESD22-B102
- Polarity: Color band denotes the cathode end

■ (Ta=25 Unless otherwise specified)

Device marking code			GS3A	GS3B	GS3D	GS3G	GS3J	GS3K	GS3M
Maximum Repetitive peak reverse voltage	V_{RRM}	V	50	100	200	400	600	800	1000
Maximum RMS Voltage	V_{RMS}	V	35	70	140	280	420	560	700
Maximum DC Blocking Voltage	V_{DC}	V	50	100	200	400	600	800	1000
Average Rectified Output D	Storage Temperature		-55 ~ +150						

Junction Temperature	T_j		-55 ~ +150

■ Ta=25 Unless otherwise specified

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T_a=25 Unless otherwise specified

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R_{θJ-A}⁽¹⁾

Typical Thermal Resistance



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DO-214AB (SMC)		
Dim	Min	Max
A	6.60	7.11
B	2.85	3.27
C	5.59	6.22
D	7.75	8.13
E	1.99	2.61
F	0.15	0.31
G	0.76	1.52
H	0.05	0.20

Dim	Min
P1	9.9
P2	3.84
Q1	3.03
Q2	3.82



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The product listed herein is designed to be used with ordinary electronic equipment or devices, and not designed to be used with