

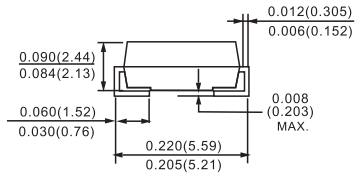
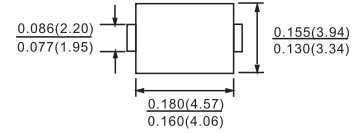
FEATURES

- Glass passivated device
- Ideal for surface mouted applications
- Low leakage current
- Metallurgically bonded construction
- High temperature soldering:
250 /10 seconds at terminals

MECHANICAL DATA

- Case: JEDEC DO-214AA, molded plastic over passivated chip
- Terminals: Solder Plated, solderable per MIL-STD-750, Method 2026
- Polarity: Color band denotes cathode end
- Weight: 0.006 ounces, 0.02 gram
- Mounting position: Any

DO-214AA(SMB)



Dimensions in inches and (millimeters)

MAXIMUM RATINGS AND ELECTRICAL CHARACTERISTICS

Symbol	Description	GF2A	GF2B	GF2D	GF2G	GF2J	GF2K	GF2M	Unit	Conditions
VRRM	Max. Recurrent Peak Reverse Voltage	50	100	200	400	600	800	1000	V	
VRMS	Max. RMS Voltage	35	70	140	280	420	560	700	V	
VDC	Max. DC Blocking Voltage	50	100	200	400	600	800	1000	V	
IF(AV)	Max. Average Rectified Current	2.0							A	
IFSM	Peak Forward Surge Current	65							A	
VF	Max. Instantaneous Forward Voltage	1.0							V	IF=2.0A
IR	Max. DC Reverse Current at Rated DC Blocking Voltage	5							μA	TA=25 °C
		30								TA=125 °C
		80								TA=150 °C
CJ	Typical Junction Capacitance	25							pF	
Rθ-JA	Max. Thermal Resistance	53							° C/W	
Rθ-JL		10								
TJ,TSTG	Operating Junction and Storage Temperature Range	-65 to 175							° C	

RATINGS AND CHARACTERISTIC CURVES GF2A THRU GF2M

Typical Characteristics Curves

