2A/SMA Series

Description

Schottky (Schottky) diode is also known as Schottky barrier Rectifiers (SBR),) has been in the power supply industry for 25 years, it is a low-power, ultra-high speed semiconductor devices, widely used in switching power supplies, frequency converters, Driver circuit, such as high frequency, low voltage, high current rectifier diode, continuous current diode, protection diode, or microwave communication circuit as rectifier diode, small signal detector diode.



DO-214AC(SMA)



Schottky diode schematic symbol

Features

- Compact package, easy to install
- Efficient overvoltage protection device
- Ultra-low forward pressure drop
- Ideal products for High Frequency Circuits
- Comply with relevant welding international standard MIL-STD-202

Electrical Characteristics

TYPE	$I_{(AV)}$	V_{RRM} @I_{RM}	I_{FSM}	V_{FM}		I_{RM} @ V_{RRM}	Case Style
				V_{FM}	$I_{(AV)}$	T_A=25℃	
	A	V	A	V	A	mA	
SS22/SMA	2.0	20	50	0.50	2.0	0.5	SMA/Do-214AC
SS23/ SMA	2.0	30	50	0.55	2.0	0.5	SMA/Do-214AC
SS24/SMA	2.0	40	50	0.55	2.0	0.5	SMA/Do-214AC
SS25/SMA	2.0	50	50	0.70	2.0	0.5	SMA/Do-214AC
SS26/SMA	2.0	60	50	0.70	2.0	0.5	SMA/Do-214AC
SS28/SMA	2.0	80	50	0.85	2.0	0.5	SMA/Do-214AC
SS210/SMA	2.0	100	50	0.85	2.0	0.5	SMA/Do-214AC
*SS215/SMA	2.0	150	50	0.90	2.0	0.5	SMA/Do-214AC
*SS220/SMA	2.0	200	50	0.90	2.0	0.5	SMA/Do-214AC

- $I_{(AV)}$ ····· Average Forward Rectified Current
- I_{RM} ····· Maximum Reverse Leakage Current
- I_{RRM} ····· Repetitive Peak Reverse Current
- I_{RSM} ····· Maximum Non-repetitive Reverse Peak Current
- V_{FM} ····· Maximum Forward Voltage
- V_{FR} ····· Forward Recovery Voltage
- V_{RRM} ····· Maximum Repetitive Peak Reverse Voltage

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Characteristics Curve (TA=25℃ unless otherwise noted)

FIG. 1-TYPICAL FORWARD CURRENT DERATING CURVE

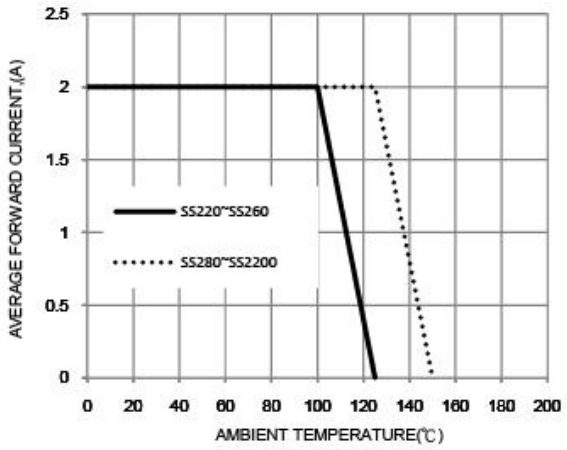


FIG. 2-TYPICAL FORWARD CHARACTERISTICS

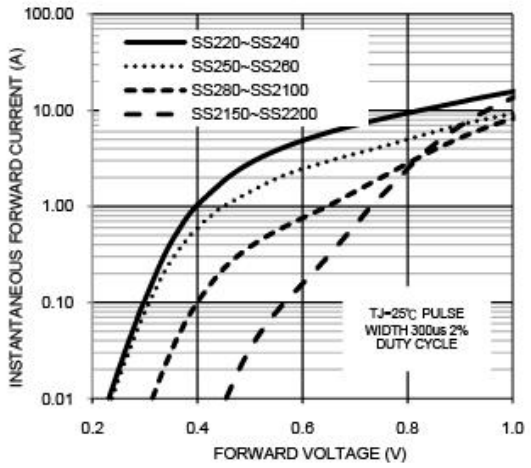


FIG. 3-MAXIMUM NON-REPETITIVE FORWARD SURGE CURRENT

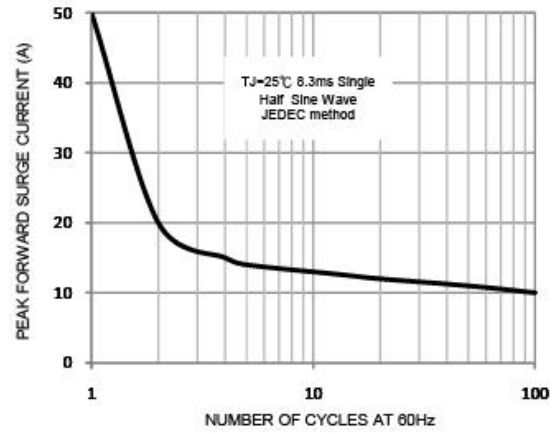


FIG. 4-TYPICAL REVERSE CHARACTERISTICS

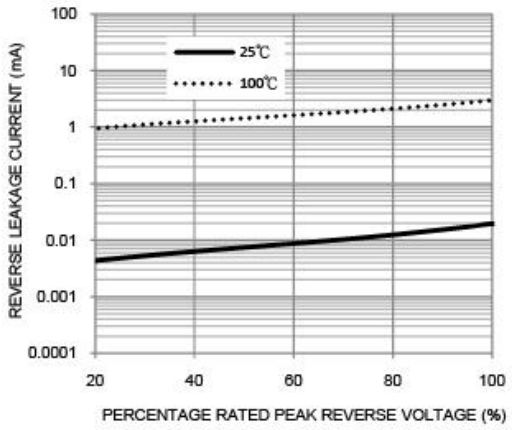
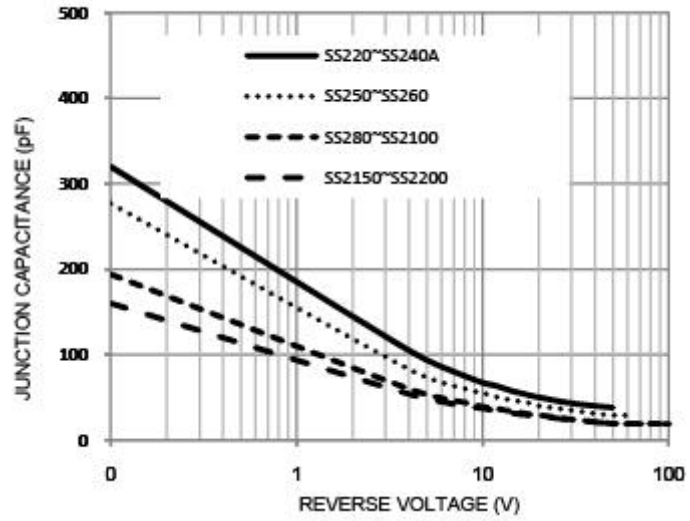
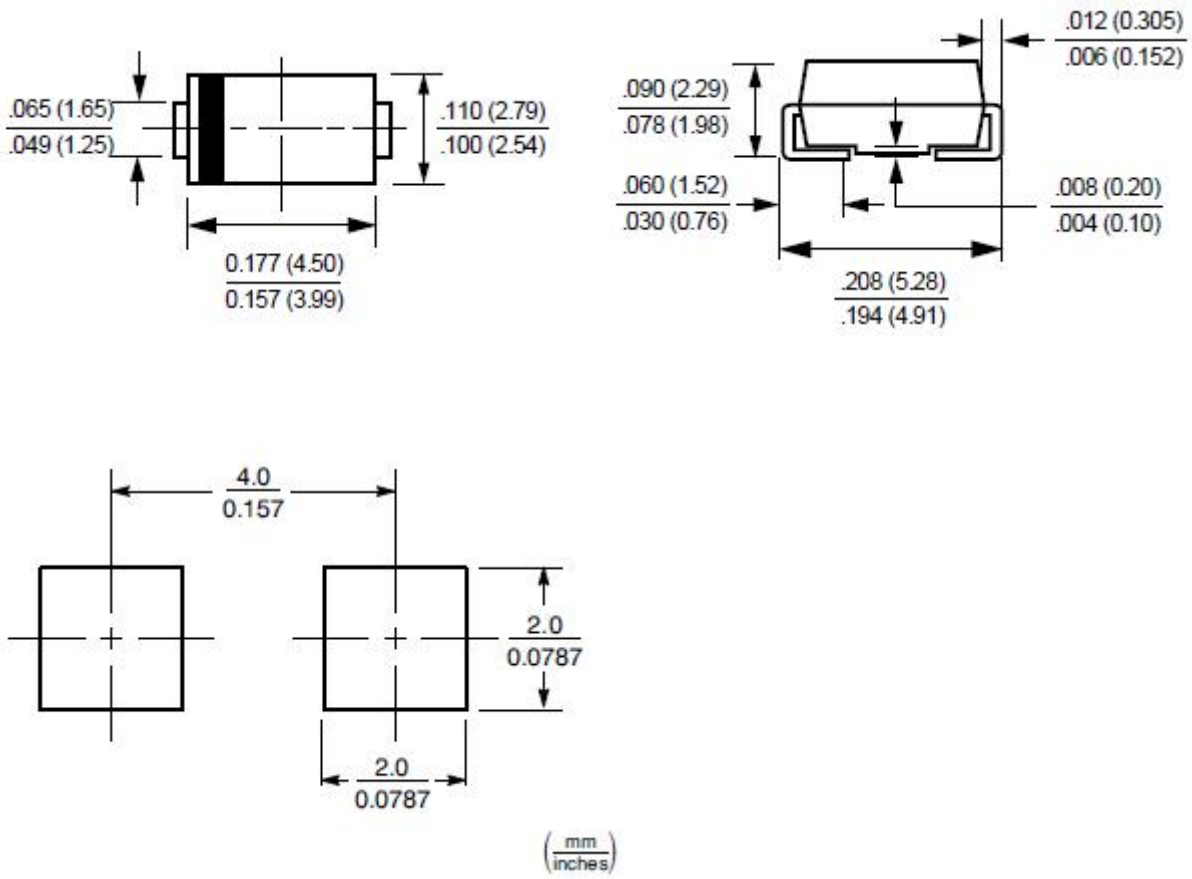


FIG. 5-TYPICAL JUNCTION CAPACITANCE



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SMA 产品尺寸 (Dimension Unit: mm) Dimensions in inches and (millimeters)



◆ Packing Information

5,000PCS/Reel 30,000PCS /Box

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