

### Schottky Rectifier

#### **Features**

- Low power loss
- Guardring for overvoltage protection
- Extremely fast switching
- High frequency operation
- High forward surge capability
- Solder dip maximum peak of 275 °C /7s, per JESD 22-B106



For use in low voltage high frequency inverters, freewheeling, DC/DC converters, and polarity protection applications.



- Package: DO-204AC(DO-15)
   Molding compound meets UL 94 V-0 flammability rating,RoHS-compliant
- Terminals: Tin plated leads, solderable per J-STD-002 and JESD22-B102
- Polarity: Color band denotes cathode end





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

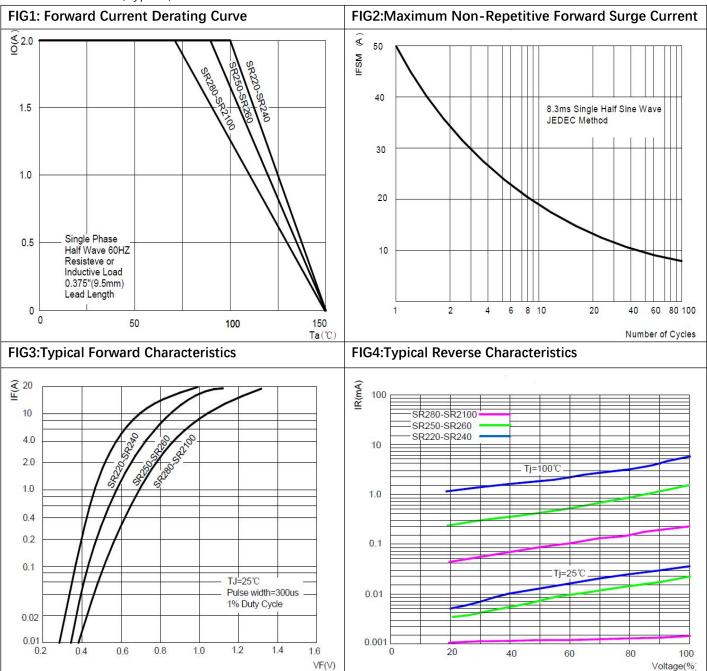
DADAMETED	Symbol	Unit	Conditions	SR2						
PARAMETER			Conditions	20	30	40	50	60	80	100
Repetitive Peak Reverse Voltage	VRRM	V		20	30	40	50	60	80	100
Average Forward Current	l <sub>F(AV)</sub>	Α	60HZ Half-sine wave, Resistance load, Ta(FIG.1)	2.0						
Surge(Nonrepetitive)Forward Current	İFSM	Α	60HZ sine wave, 1 cycle, Ta=25℃	50						
Storage Temperature	Tstg	°C		-55 ~ <b>+</b> 150						
Junction Temperature	Tj	°C		-55 ~ <b>+</b> 150						

### Electrical Characteristics (Ta=25°C Unless otherwise specified)

PARAMETER	Cumbal	Unit Conditions		<b></b>	SR2						
PARAMETER	Symbol	Unit	Conditions		20	30	40	50	60	80	100
Peak Forward Voltage	VFM	V	I <sub>FM</sub> =2.0A		0.55			0.7		0.85	
Peak Reverse Current	IRRM1	Л	V <sub>RM</sub> =V <sub>RRM</sub>	Ta=25℃	0.2						
	IRRM2	- mA		Ta=125℃	20						
Thermal Resistance(Typical)	Rej-a	°C/W	Between junction ar	45							
Typical junction capacitance	0.	l pF	Measured at 1MHZ and Applied								
	Cj		Reverse Voltage of 4.0 V.D.C		180						



### ■ Characteristics (Typical)

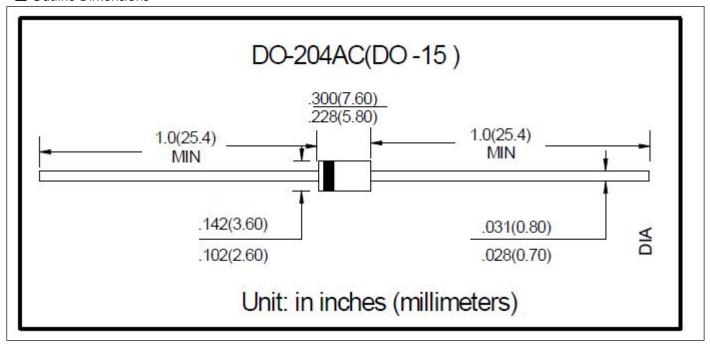




### Ordering Information (Example)

PREFERED	PACKAGE CODE	MINIMUM INNER BOX PACKAGE(pcs) QUANTITY(pcs)		OUTER CARTON QUANTITY(pcs)	DELIVERY MODE	
SR220~SR2100	DO-204AC(DO-15)	3000	3000	30000	Таре	

### ■ Outline Dimensions





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