

COLOR BAND DENOTES CATHODE

# **Schottky Rectifiers**

## **Absolute Maximum Ratings**\* $T_{A} = 25^{\circ}C$ unless otherwise noted

Symbol	Parameter		Value							
		22	23	24	25	26	28	29	210	
V <sub>RRM</sub>	Maximum Repetitive Reverse Voltage	20	30	40	50	60	80	90	100	V
I <sub>F(AV)</sub>	Average Rectified Forward Current .375 " lead length @ T <sub>A</sub> = 75°C	2.0						A		
I <sub>FSM</sub>	Non-repetitive Peak Forward Surge Current 8.3 ms Single Half-Sine-Wave	50						А		
T <sub>stg</sub>	Storage Temperature Range	-65 to +150						°C		
TJ	Operating Junction Temperature	-65 to +125					°C			

\*These ratings are limiting values above which the serviceability of any semiconductor device may be impaired.

# **Thermal Characteristics**

Symbol	Parameter	Value	Units
P <sub>D</sub>	Power Dissipation	1.3	W
$R_{ extsf{ heta}JA}$	Thermal Resistance, Junction to Ambient *	75	°C/W

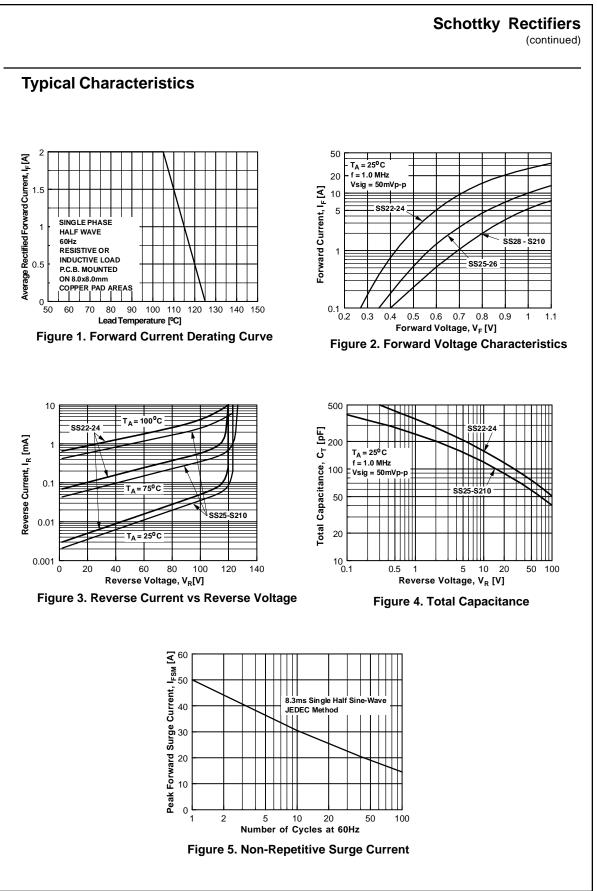
\*Device mounted on FR-4 PCB 0.013 mm.

# Electrical Characteristics T<sub>A</sub> = 25°C unless otherwise noted

Symbol	Parameter		Device							
		22	23	24	25	26	28	29	210	
V <sub>F</sub>	Forward Voltage @ 2.0 A	500			700		850			mV
I <sub>R</sub>	Reverse Current @ rated V <sub>R</sub> $T_A = 25^{\circ}C$ $T_A = 100^{\circ}C$	0.4 10					mA mA			

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SS22-S210



SS22-S210, Rev. C

# SS22-S210

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