

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 _{RRM}	Maximum Repetitive Reverse Voltage	20	30	40	50	60	80	90	100	V
I _{F(AV)}	Average Rectified Forward Current .375 " lead length @ T _A = 75°C	2.0						A		
I _{FSM}	Non-repetitive Peak Forward Surge Current 8.3 ms Single Half-Sine-Wave	50						А		
T _{stg}	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 _D	Power Dissipation	1.3	W	
$R_{ extsf{ heta}JA}$	Thermal Resistance, Junction to Ambient *	75	°C/W	

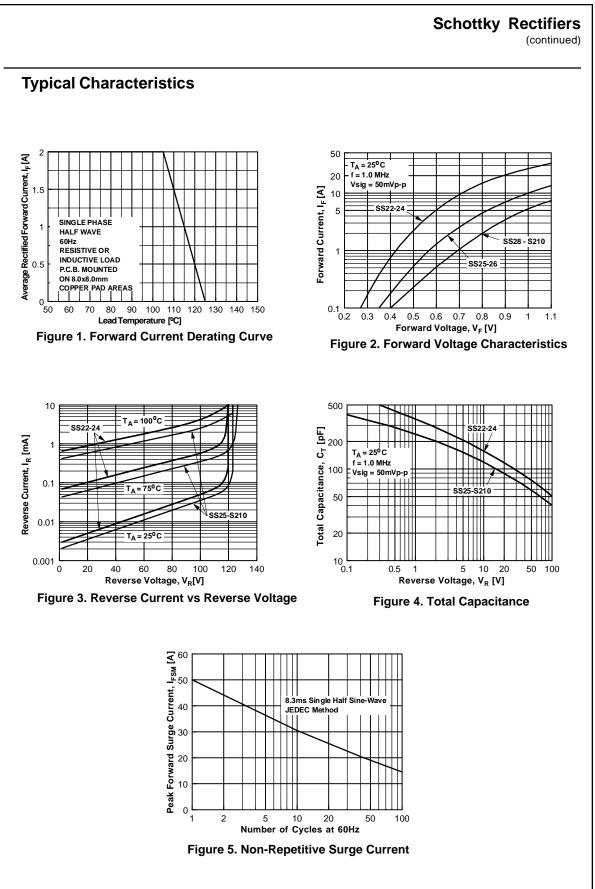
*Device mounted on FR-4 PCB 0.013 mm.

Electrical Characteristics T_A = 25°C unless otherwise noted

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

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SS22-S210



SS22-S210, Rev. C

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