

Surface Mount Schottky Rectifier

Features

"I_o 1.0A"V_{RRM} 20V-100V

"High surge current capability

"Cases: Molded plastic

Limiting Values (Absolute Maximum Rating)

Item	Symbol	Unit	Test Conditions							
Repetitive Peak Reverse Voltage	V _{RRM}	V		20	30	40	50	60	90	100
Average Forward Current	I _{F(AV)}	A	60HZ Half-sine wave, Resistance load, Ta(Fig.1)	1.0						
Surge(Non-repetitive)Forward Current	I _{FSM}	A	60Hz Half-sine wave ,1 cycle , Ta=25	30						
Junction Temperature	T _J			-55~+125			-55~+150			
Storage Temperature	T _{STG}			-55 ~ +150						

Notes 1. Thermal resistance from junction to ambient mounted on P.C.B. with 5.0 mm x 5.0 mm copper heatsink

SS12 THRU SS110

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