

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

Disclaimer

The information presented in this document is for reference only. Yangzhou Yangjie Electronic Technology Co., Ltd. reserves the right to make changes without notice for the specification of the products displayed herein to improve reliability, function or design or otherwise.

The product listed herein is designed to be used with ordinary electronic equipment or devices, and not designed to be used with equipment or devices which require high level of reliability and the malfunction of which would directly endanger human life (such as medical instruments, transportation equipment, aerospace machinery, nuclear-reactor controllers, fuel controllers and other safety devices), Yangjie or anyone on its behalf, assumes no responsibility or liability for any damages resulting from such improper use of sale.

This publication supersedes & replaces all information previously supplied. For additional information, please visit our website [http:// www.21yangjie.com](http://www.21yangjie.com) , or consult your nearest Yangjie's sales office for further assistance.

hc -3 0t6e(hc1834.9219.68 Tmd ()Tj)-1 10.763 Td S