

Rectifier diode

SMAF 50 V

FEATURES:

For surface mounted applications

Low profile package

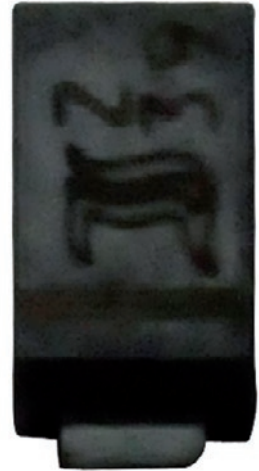
Glass passivated chip junction

Easy to pick and place

Fast reverse recovery time

SPECIFICATION:

Peak off-state voltage	50 V
Forward current	1 A
Recovery time	150 ns
Housing type	SMAF
Configuration	Single
Operating temperature	+55...+150 °C
Conducting-state voltage	1.3 V



Art. Nr.

RND RS1AF-AT

Fig.1 Forward Current Derating Curve

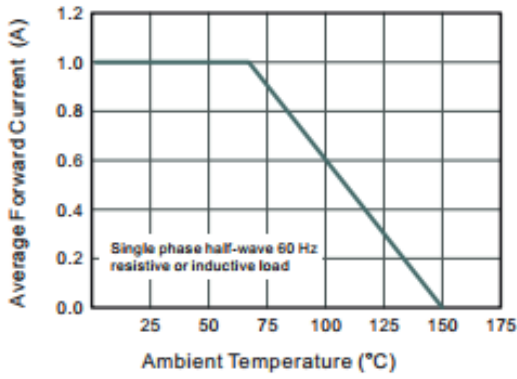


Fig.2 Typical Reverse Characteristics

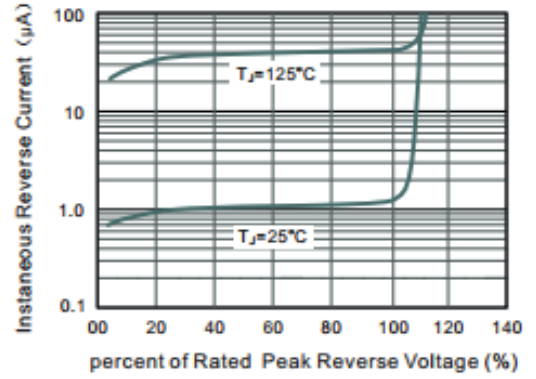


Fig.3 Typical Instantaneous Forward Characteristics

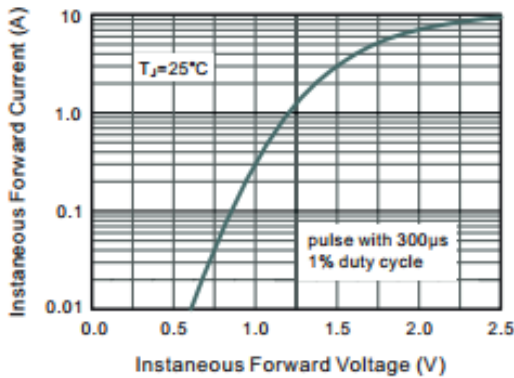


Fig.4 Typical Junction Capacitance

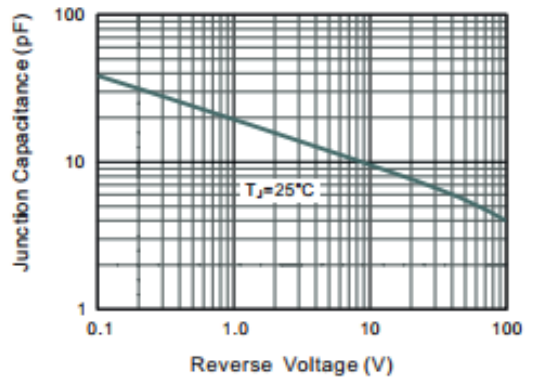


Fig.5 Maximum Non-Repetitive Peak Forward Surge Current

