

# Rectifier diode

SMBF 1000 V



## FEATURES:

For surface mounted applications

Low profile package

Glass passivated chip junction

Easy to pick and place

Fast reverse recovery time

## SPECIFICATION:

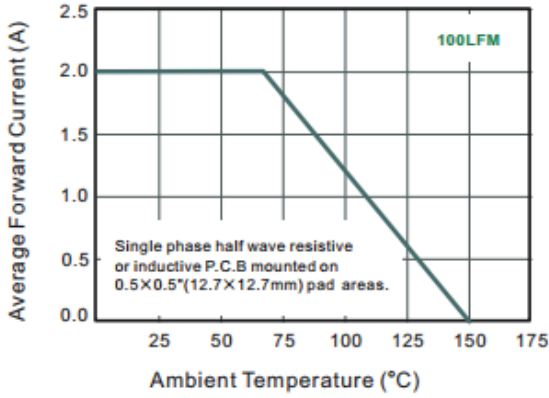
Peak off-state voltage	1000 V
Forward current	2 A
Recovery time	500 ns
Housing type	SMBF
Configuration	Single
Operating temperature	+55...+150 °C
Conducting-state voltage	1.3 V



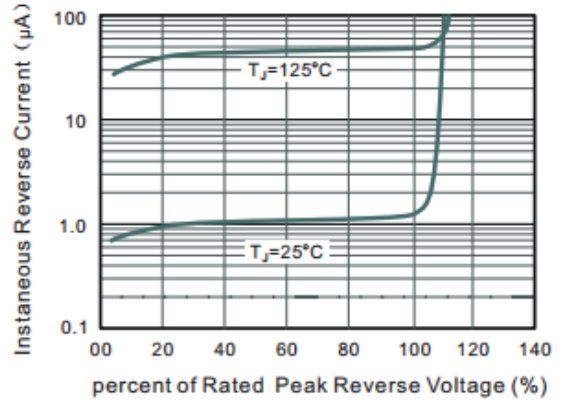
Art. Nr.

RND RS2MBF-AT

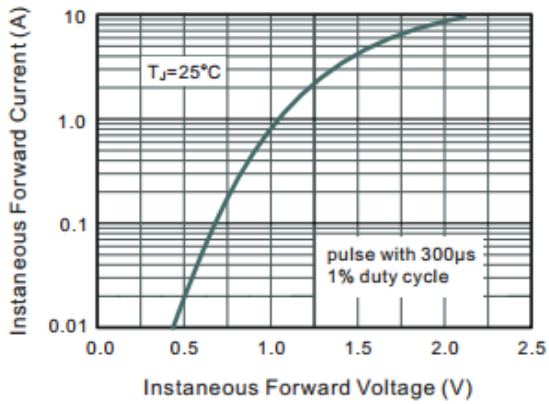
**Fig.1 Forward Current Derating Curve**



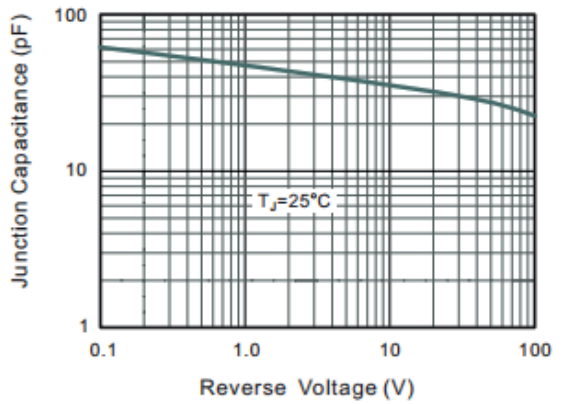
**Fig.2 Typical Reverse Characteristics**



**Fig.3 Typical Instantaneous Forward Characteristics**



**Fig.4 Typical Junction Capacitance**



**Fig.5 Maximum Non-Repetitive Peak Forward Surge Current**

