

# Rectifier diode

SMAF 400 V



## FEATURES:

For surface mounted applications

Low profile package

Glass passivated chip junction

Easy to pick and place

Fast reverse recovery time

## SPECIFICATION:

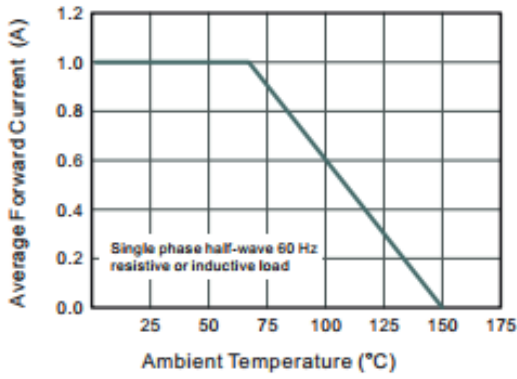
|                          |               |
|--------------------------|---------------|
| Peak off-state voltage   | 400 V         |
| Forward current          | 1 A           |
| Recovery time            | 150 ns        |
| Housing type             | SMAF          |
| Configuration            | Single        |
| Operating temperature    | +55...+150 °C |
| Conducting-state voltage | 1.3 V         |



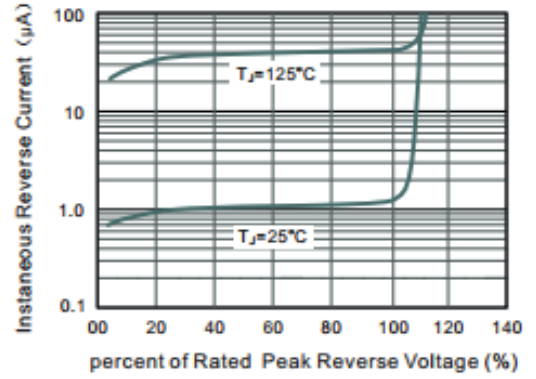
Art. Nr.

RND RS1GF-AT

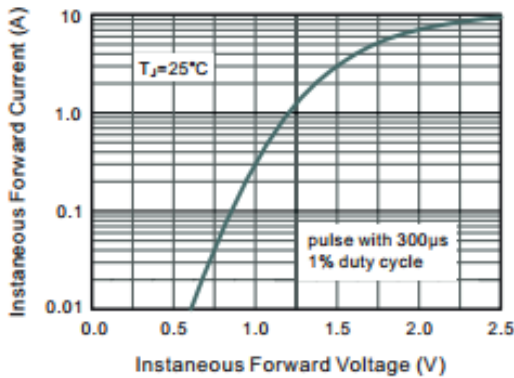
**Fig.1 Forward Current Derating Curve**



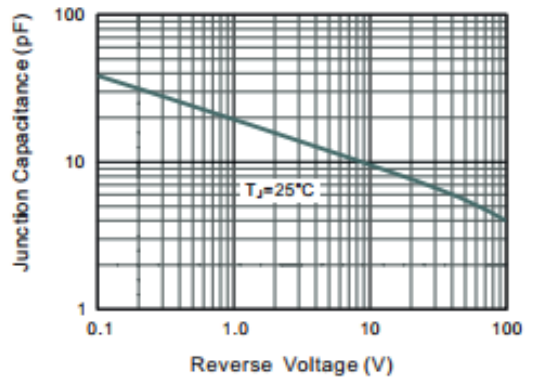
**Fig.2 Typical Reverse Characteristics**



**Fig.3 Typical Instantaneous Forward Characteristics**



**Fig.4 Typical Junction Capacitance**



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

