

# Surface Mount Schottky Barrier Diode

1 A 30 V SMBF



## FEATURES:

Fast switching

Metal silicon junction, majority carrier conduction

For surface mounted applications

Low power loss, high efficiency

High forward surge current capability

## SPECIFICATION:

Off-state voltage 30 V

Forward current 1 A

Housing type SMBF

Configuration Single

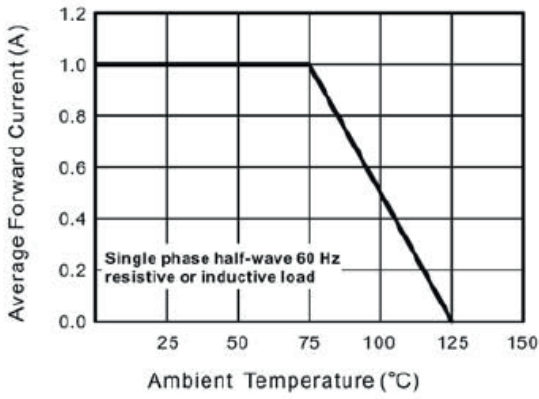
Peak conducting-state current 40 A



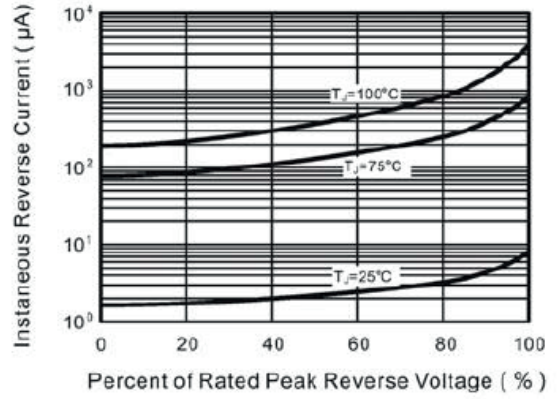
Art. Nr.

RND SDS14BF

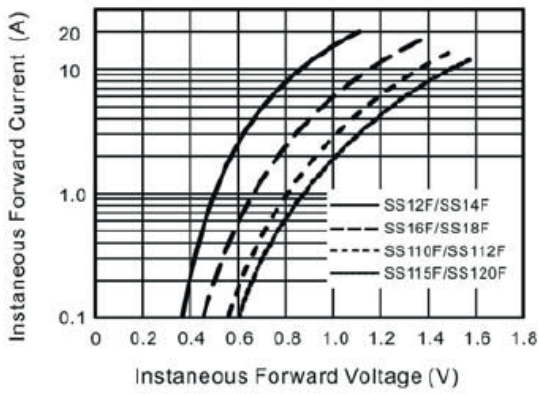
**Forward Current Derating Curve**



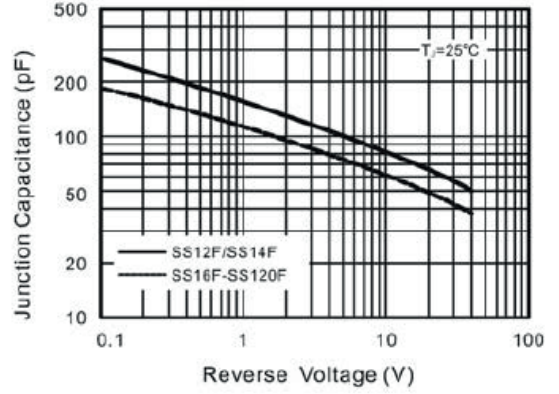
**Typical Reverse Characteristics**



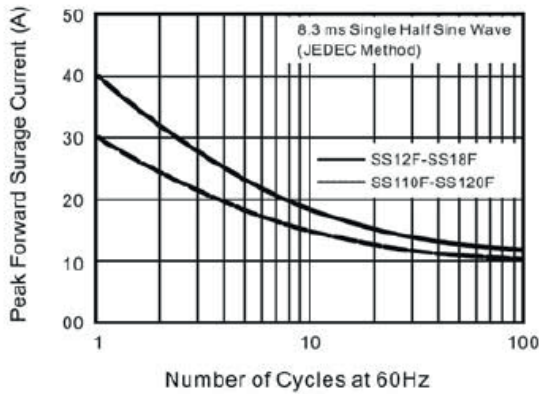
**Typical Forward Characteristic**



**Typical Junction Capacitance**



**Maximum Non-Repetitive Peak Forward Surge Current**



**Typical Transient Thermal Impedance**

