

Rectifier Diodes, Standard

Standard Rectifier Diodes, SMD, S1xF-AT



FEATURES:

For surface mount applications

Glass passivated chip junction

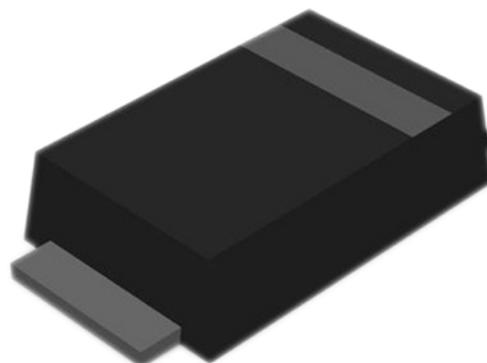
Low profile package

Easy to pick and place

Capacitance 15 pF

Terminals: Solderable per MIL-STD- 750, Method 2026

Weight: Approximated 0.027 grams

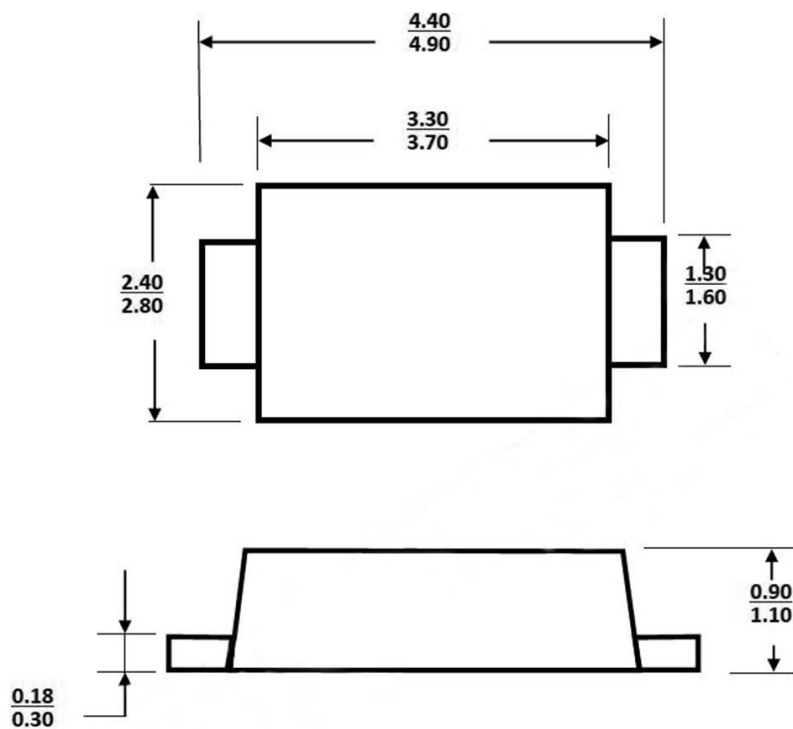


SPECIFICATION:

Conducting-state current	1 A
Surge current	30 A
Housing type	DO-214AD
Operating temperature	-55...+150 °C
Conducting-state voltage	1.1 V
Thermal resistance	27 °C/W

PRODUCT RANGE:

Art. Nr.	Peak off-state voltage
RND S1BF-AT	100 V
RND S1DF-AT	200 V
RND S1JF-AT	600 V
RND S1MF-AT	1000 V



Dimensions in millimeters

Fig.1 Forward Current Derating Curve

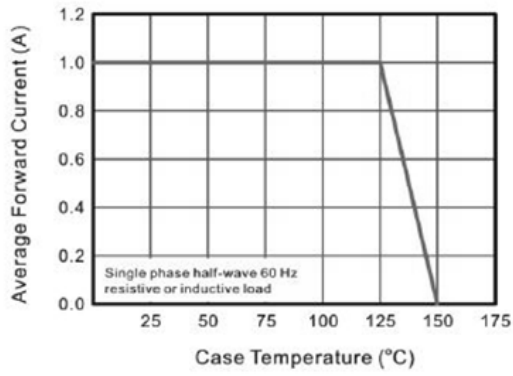


Fig.2 Typical Instantaneous Reverse Characteristics

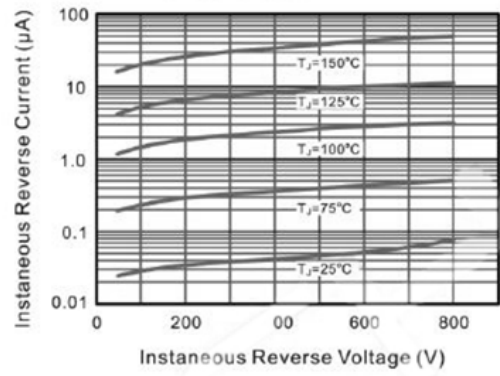


Fig.3 Typical Forward Characteristic

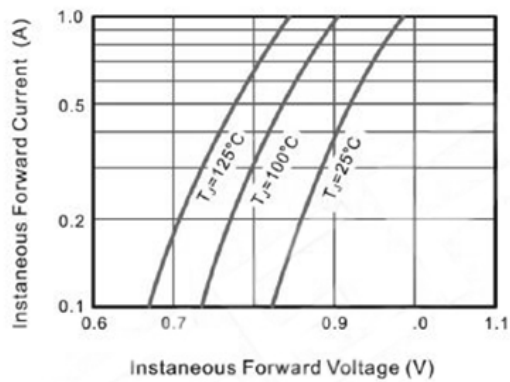


Fig.4 Typical Junction Capacitance

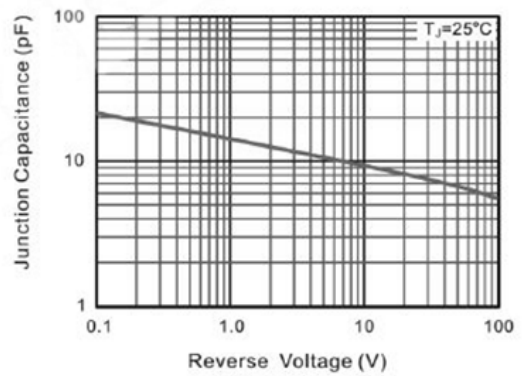


Fig.5 Maximum Non-Repetitive Peak Forward Surge Current

