SS12 THRU SS120 SMA

Surface Mount Schottky Barrier Rectifier

Reverse Voltage - 20 to 200 V

Forward Current - 1 A

Pinning

1.Cathode	2.Anode



DO-214AC/SMA

FEATURES

Metal silicon junction, majority carrier conduction

For surface mounted applications

Low power loss, high efficiency

High forward surge current capability

For use in low voltage, high frequency inverters,

free wheeling, and polarity protection applications

Lead free in comply with EU RoHS 2011/65/EU directives

MECHANICAL DATA

Case: DO-214AC/SMA

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

Approx. Weight: 0.07g / 0.002oz

Marking Code	
SS12	YFW SS12
SS14	YFW SS14
SS16	YFW SS16
SS18	YFW SS18
SS110	YFW SS110
SS112	YFW SS112
SS115	YFW SS115
SS120	YFW SS120

Absolute M

0 0 0 0 J50$2549 809 Tf 1 i20689.29-351.7940 TD[(L3)]TJ729.1822 0 TD[(W)]TJ138.908949 0 TD[(L0)]6
R V e e

Ratings And Characteristic Curves

Fig.1 Forward Current Derating Curve

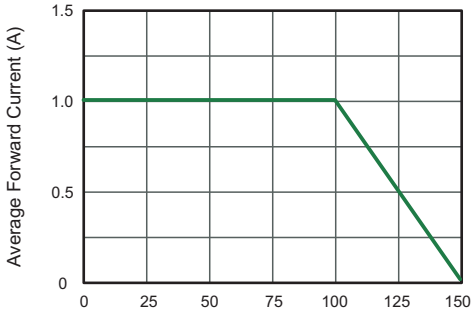


Fig.2 Typical Reverse Characteristics

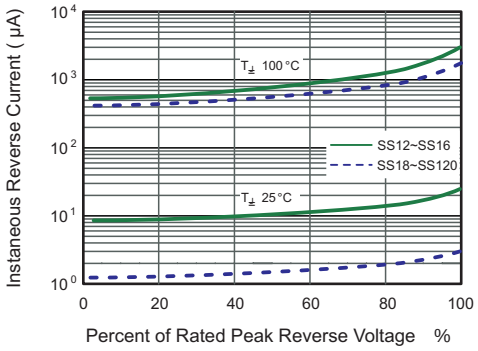


Fig.3 Typical Forward Characteristic

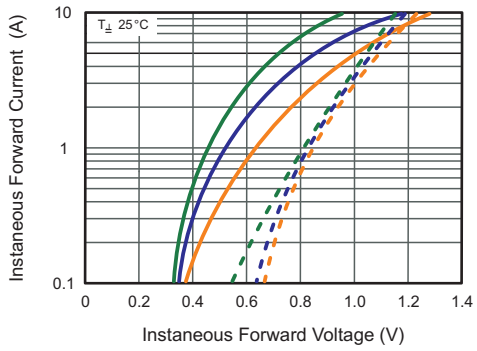


Fig.4 Typical Junction Capacitance

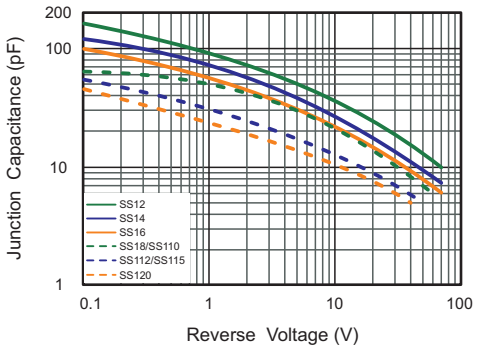
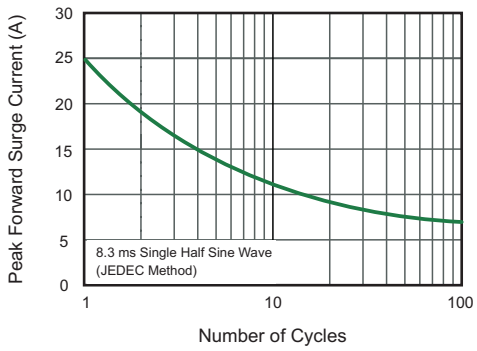


Fig.5 Maximum Non-Repetitive Peak Forward Surge Current



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