

Features

SMA Package
standard recovery time

SP35-12

12kv,350mA
High Voltage Diode

Device Electrical Characteristics

(Ta=25°C Unless otherwise noted)

Items	Conditions	Symbol	Value
Maximum RepetitivePeak Reverse Voltage		V_{RRM}	12kv
Average Forward Current Maximum	Ta=55°C	I_{FAVM}	350mA
Maximum Forward Voltage	$I_F=350mA$	V_{FM}	12Volts
Maximum Surge Current rating	10msec, half sine	I_{FSM}	30Amps
Maximum Reverse Current	$V_R=V_{RRM}$	I_{RM1}	2μA
Maximum High Temperature Reverse Current	Ta=100°C , $V_R=V_{RRM}$	I_{RM2}	10μA
Maximum Reverse Recovery Time	$I_F=100mA$ $I_R=200mA$ $I_{RR}=50mA$	trr	-
Minimum Junction Temperature	—	Tj	120°C
Storage Temperature Range	—	T _{STG}	-40°Cto150°C

Mechanical Data

