



GP3D040A120U

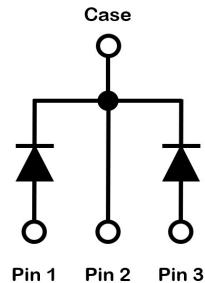
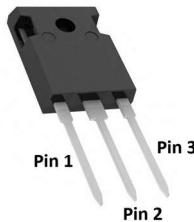
1200V SiC Schottky Diode

VDC	1200 V
Q_C	212 nC***
I_F	40 A***
T_{j,max}	175 °C

Amp+™ Features

Package

Amp+™ Benefits



Amp+™ Applications

Part #	Package	Marking
GP3D040A120U	TO-247-3L	3D040A120



Maximum Ratings

Notes:

1200V SiC Schottky Diode

Amp +™

GP3D040A120U

Electrical Characteristics

Thermal Characteristics

Characteristics Per Leg	Symbol	Conditions	Values			Unit

Typical Performance Per Leg

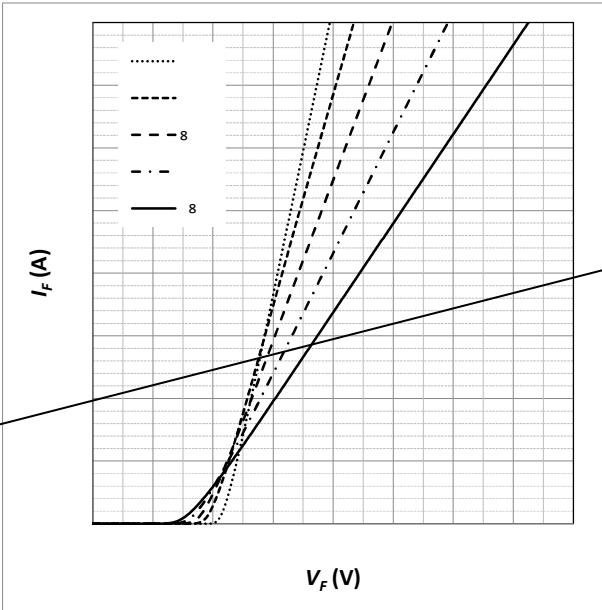


Fig. 1 Forward Characteristics

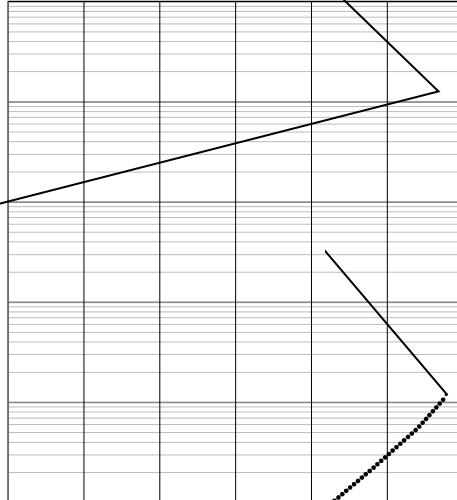


Fig. 2 Reverse Characteristics

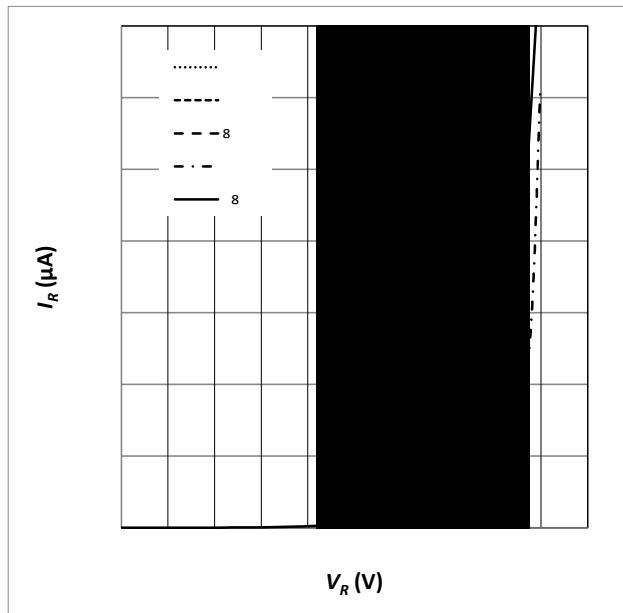


Fig. 3 Reverse Characteristics

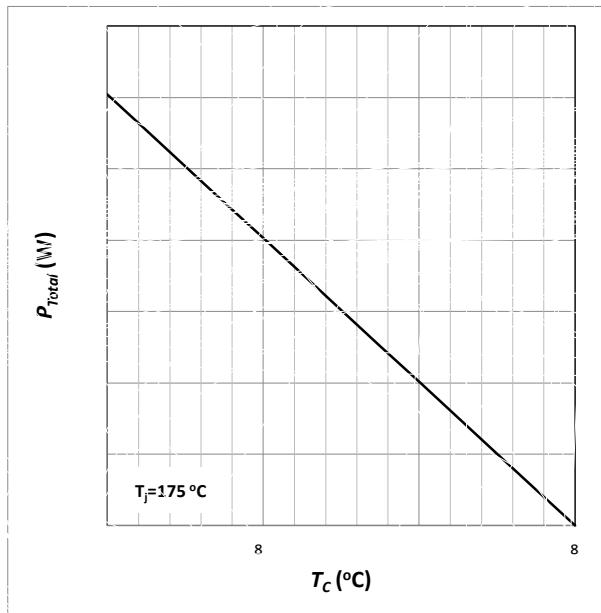


Fig. 4 Power Derating

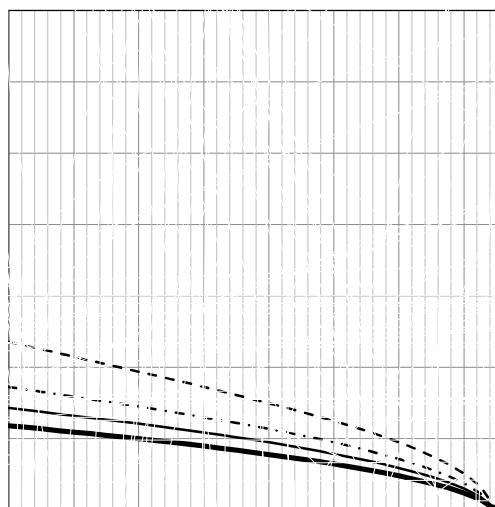


Fig. 5 Capacitance

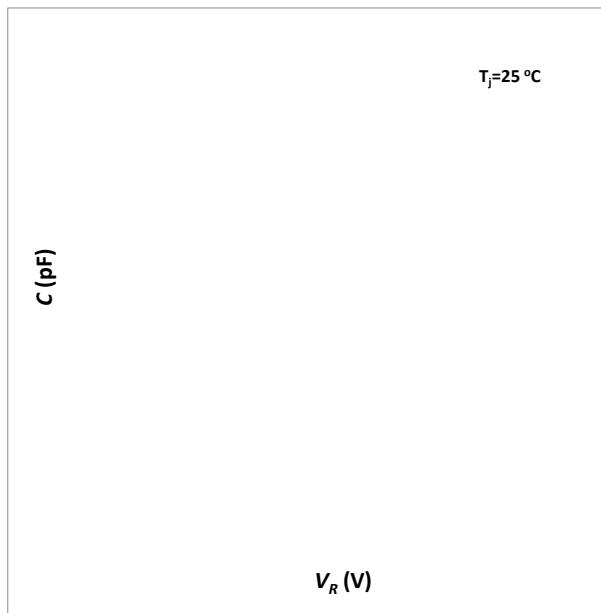


Fig. 6 Capacitance

200V SiC J

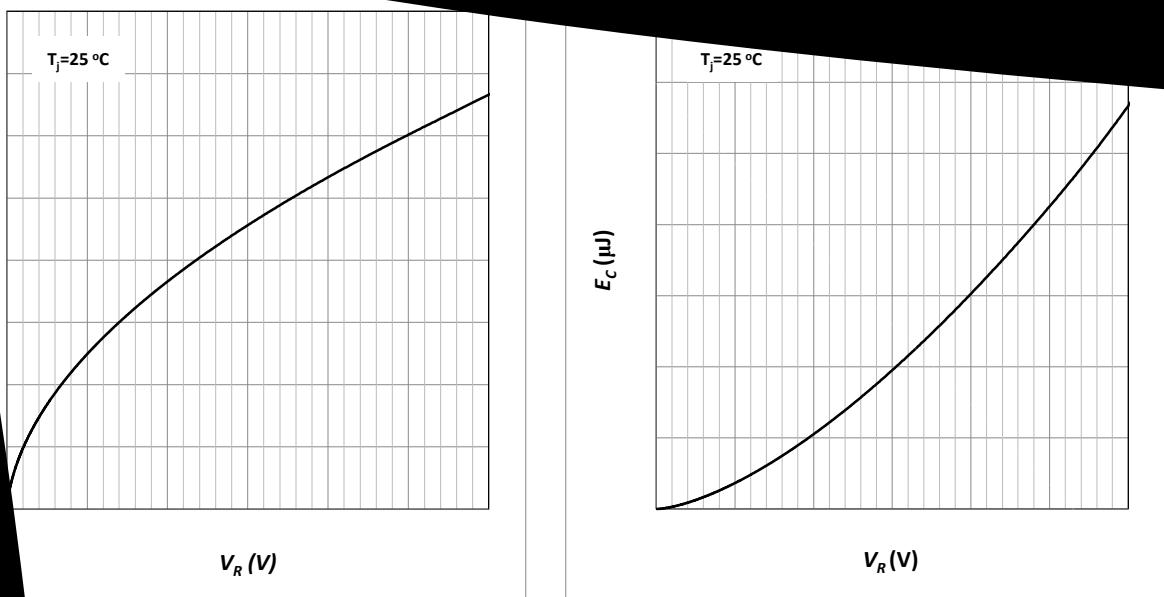


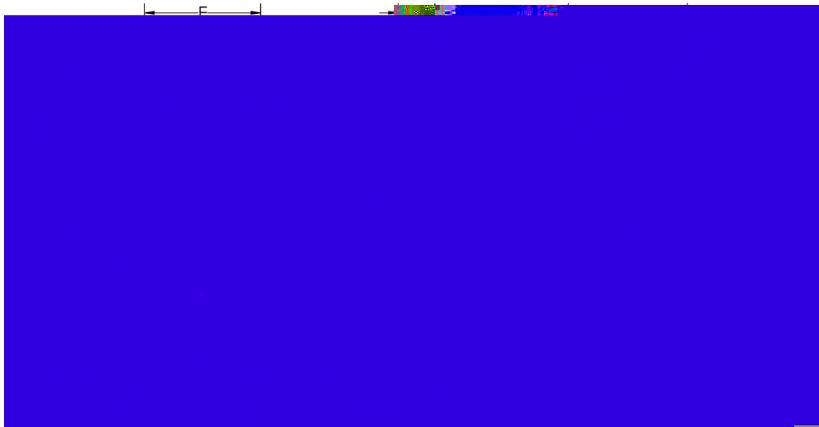
Fig. 8 Typical Capacitance Stored Energy

1200V SiC Schottky Diode

Amp +TM

GP3D040A120U

Package Dimensions TO-247-3L



RoHS Compliance

REACH Compliance