



1200V SiC Schottky Diode

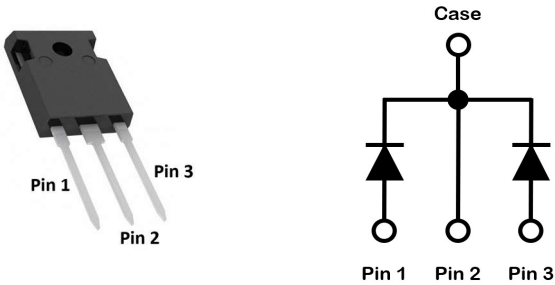
GP3D060A120U

VDC	1200 V
Q _C	318 nC***
I _F	60 A***
T _{j,max}	175 °C

Amp+™ Features

Package

Amp+™ Benefits



Part #	Package	Marking
GP3D060A120U	TO-247-3L	3D060A120

Amp+™ Applications



Maximum Ratings

Characteristics Per Leg	Symbol	Conditions	Values	Unit
	$\int$			

Notes:

b Q_B
b

Q

b

Electrical Characteristics

Characteristics Per Leg	Symbol	Conditions	Values			Unit
						μ

Thermal Characteristics

Characteristics Per Leg	Symbol	Conditions	Values			Unit

Typical Performance Per Leg

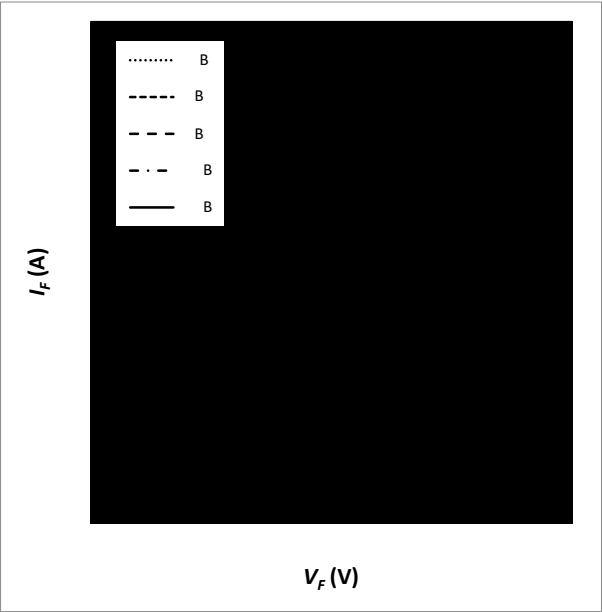


Fig. 1 Forward Characteristics

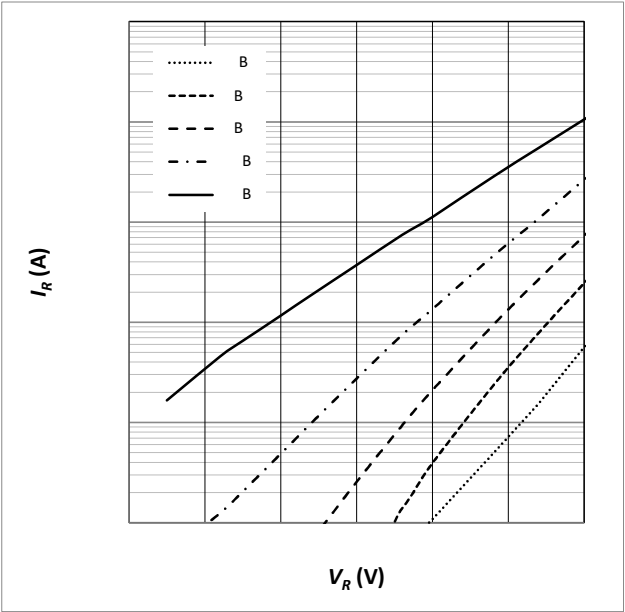


Fig. 2 Reverse Characteristics

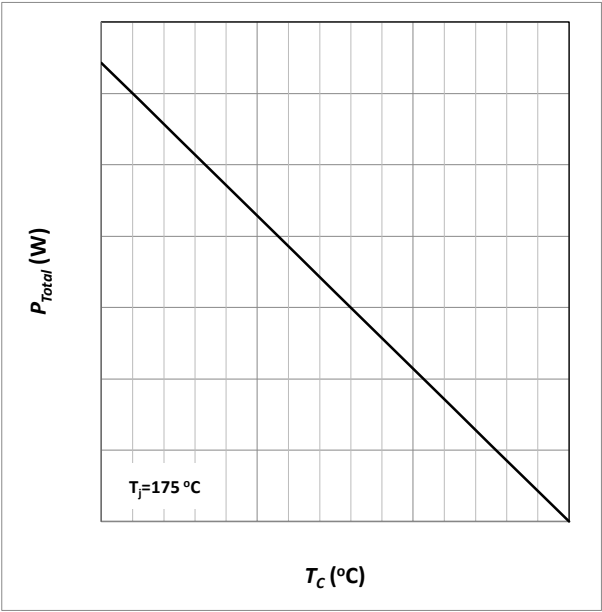


Fig. 3 Reverse Characteristics

Fig. 4 Power Derating

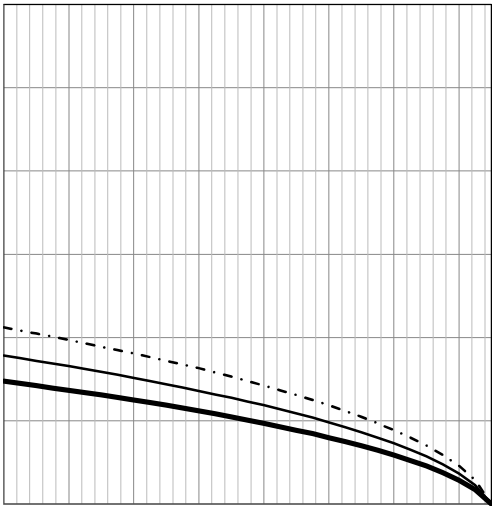


Fig. 5 Capacitance

Fig. 6 Capacitance

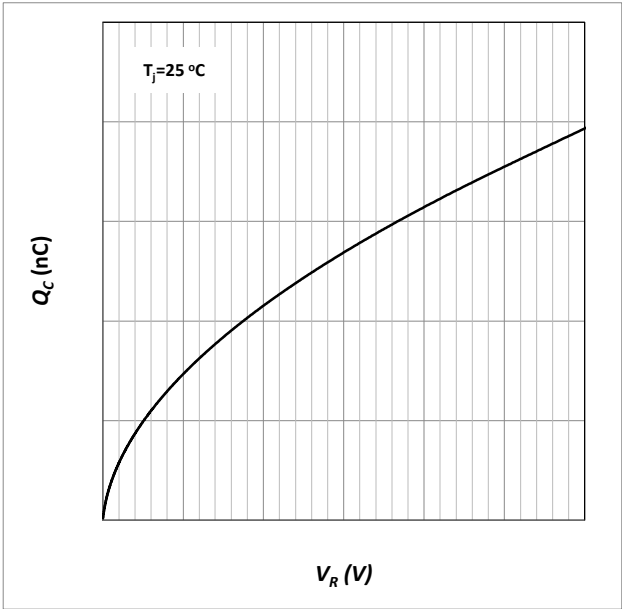


Fig. 7 Capacitive Charge

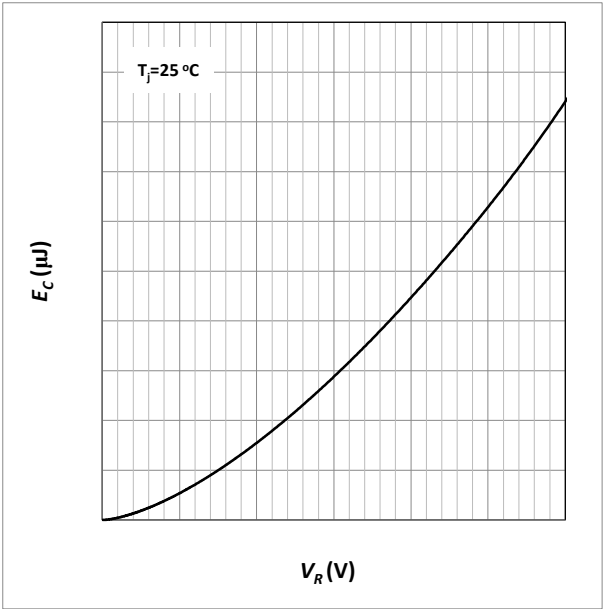


Fig. 8 Typical Capacitance Stored Energy

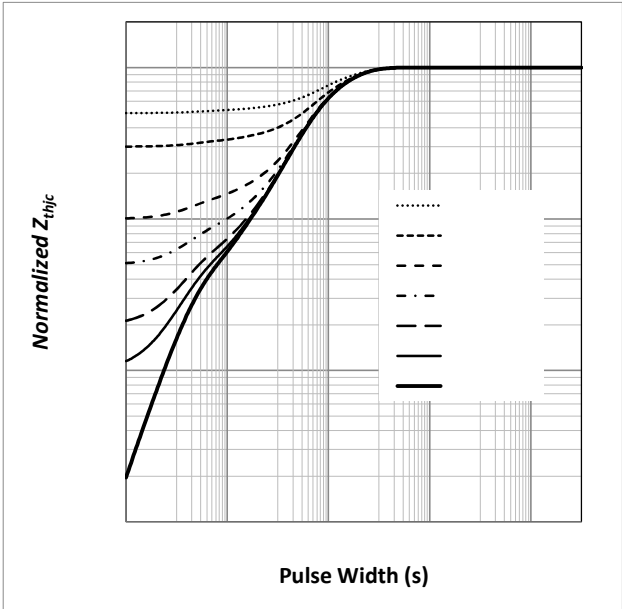


Fig. 9 Transient Thermal Impedance

Package Dimensions TO-247-3L

GP3D060A120U

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RoHS Compliance

REACH Compliance