

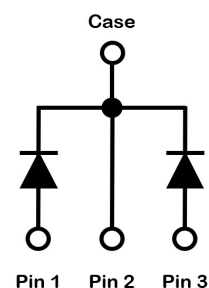
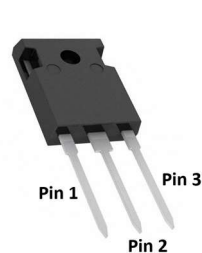
1200V SiC Schottky Diode

VDC	1200 V
Q_C	172 nC***
I_F	30 A***
$T_{j,max}$	175 °C

Amp+™ Features

Package

Amp+™ Benefits



Amp+™ Applications

Part #	Package	Marking
GP3D030A120U	TO-247-3L	3D030A120



Maximum Ratings

Characteristics Per Leg	Symbol	Conditions	Values	Unit
	$\int$			

Notes:

Forma

Chara

Symbol

Conditions

Form

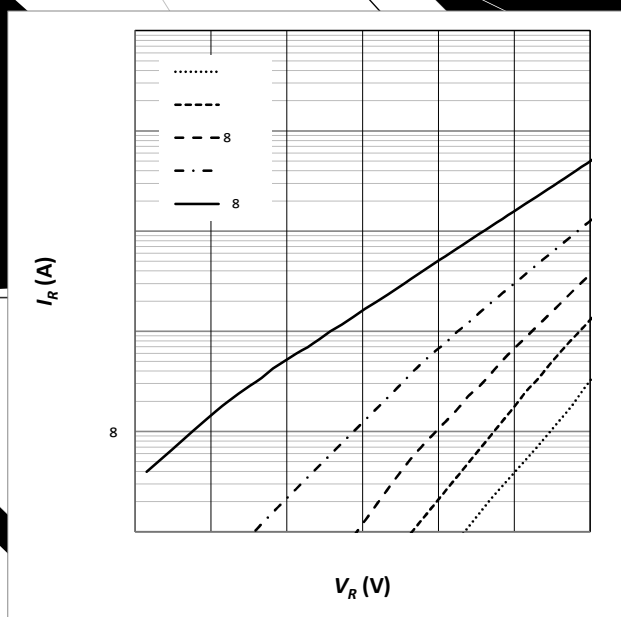
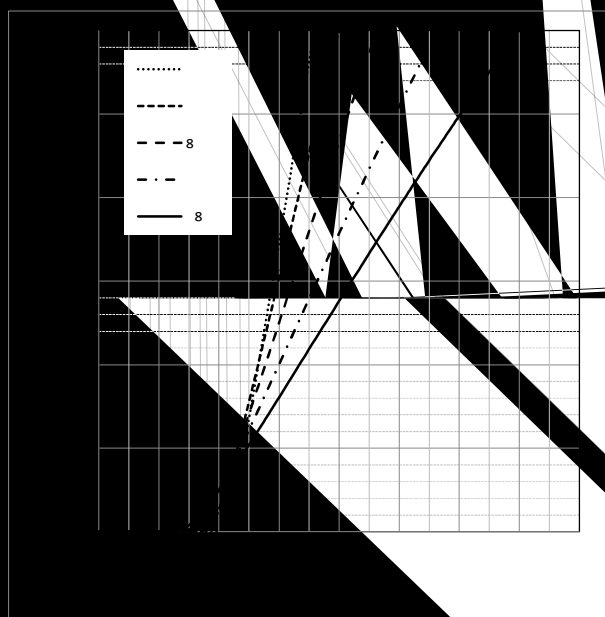


Fig. 2 Reverse Characteristics

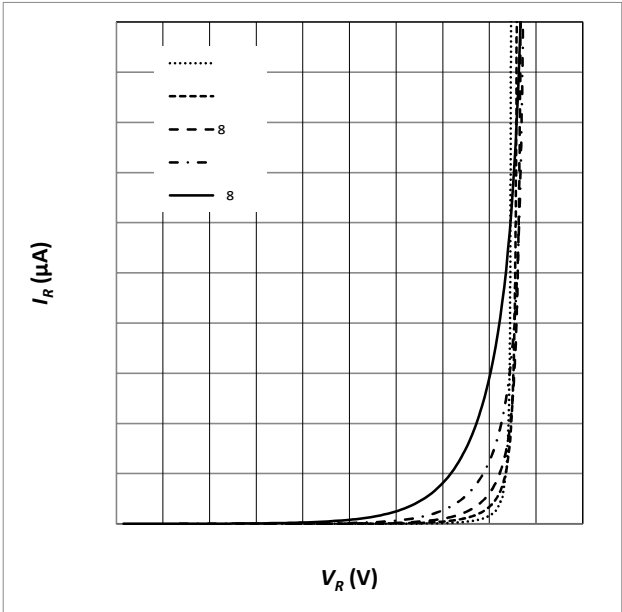


Fig. 3 Reverse Characteristics

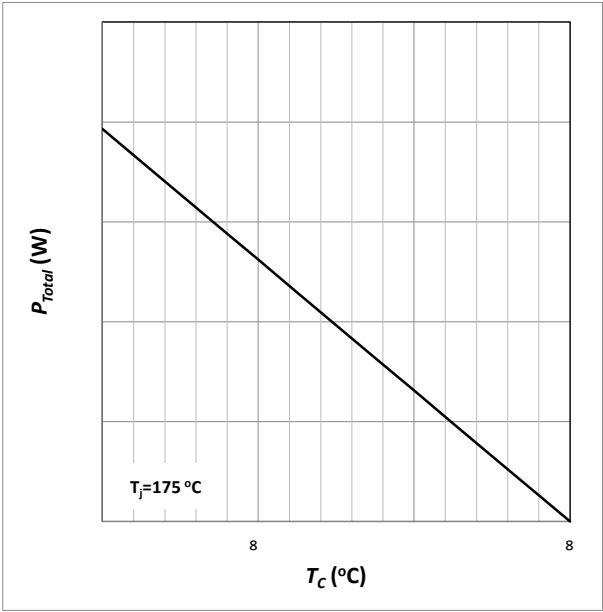


Fig. 4 Power Derating

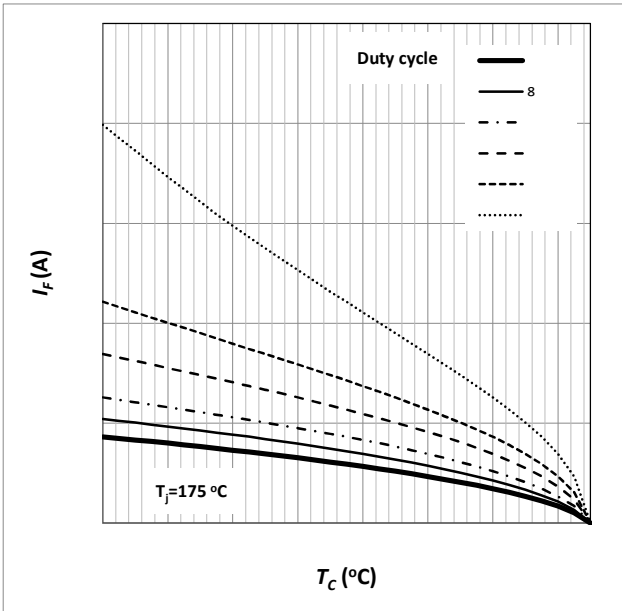


Fig. 5 Capacitance

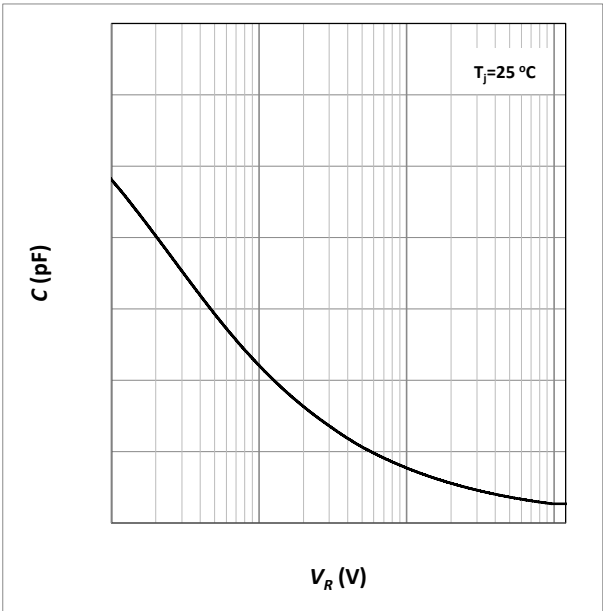


Fig. 6 Capacitance

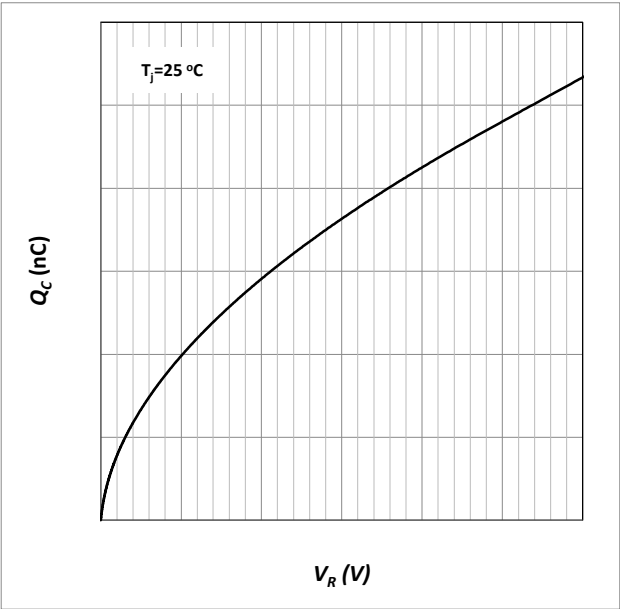


Fig. 7 Capacitive Charge

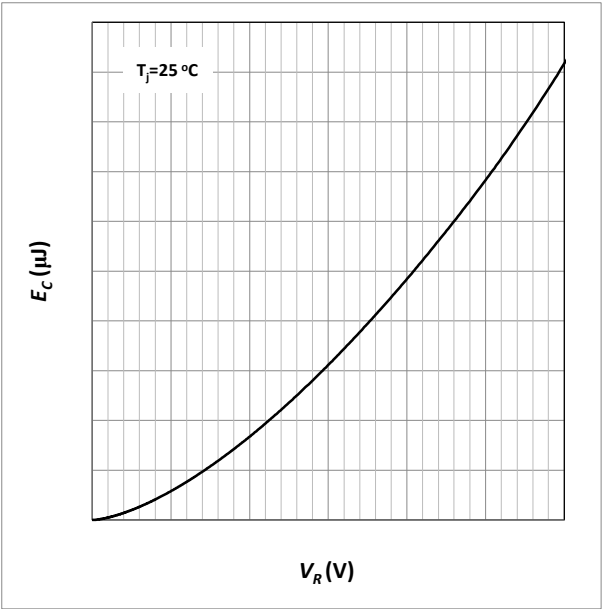


Fig. 8 Typical Capacitance Stored Energy

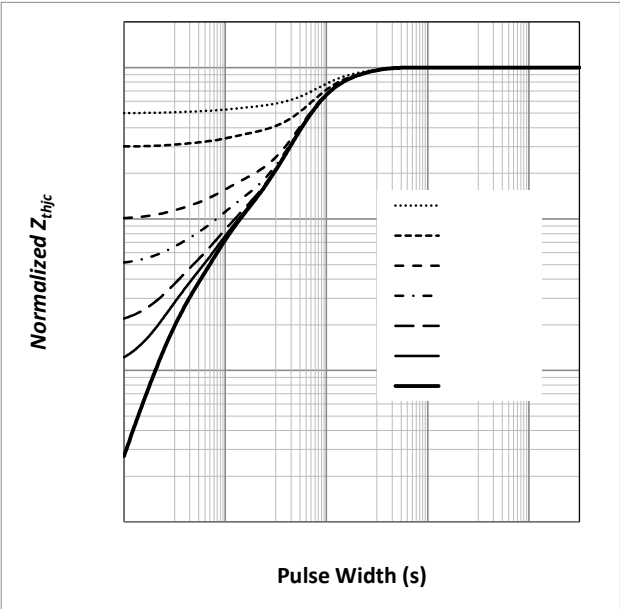


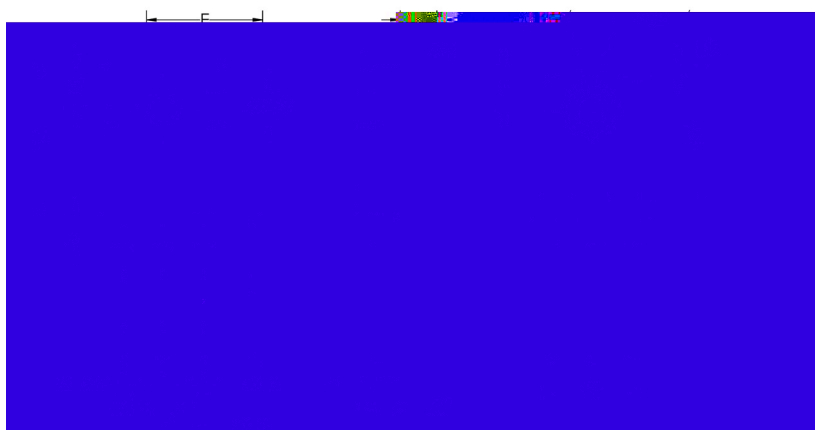
Fig. 9 Transient Thermal Impedance

1200V SiC Schottky Diode

Amp⁺™

GP3D030A120U

Package Dimensions TO-247-3L

[illegible]

RoHS Compliance

REACH Compliance