



GP3D020A170B

VDC	1700 V
Q _c	203 nC
I _F	20 A
T _{j,max}	175 °C

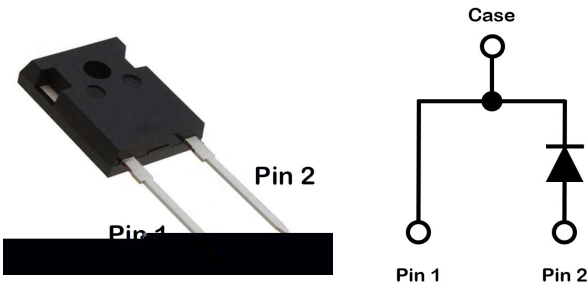
1700V SiC Schottky Diode

Amp+™ Features

Amp+™ Benefits

Amp+™ Applications

Package



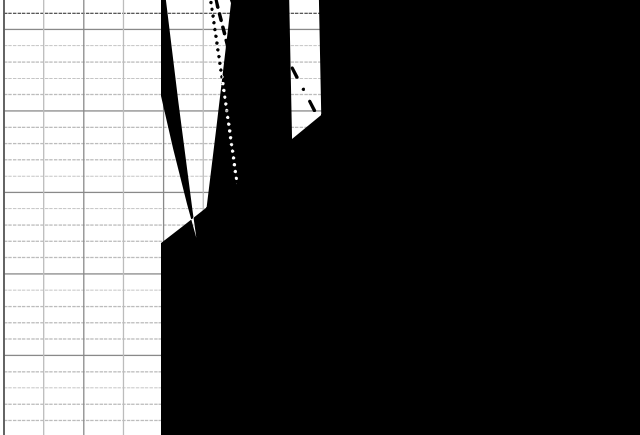
Part #	Package	Marking
GP3D020A170B	TO-247-2L	3D020A170



Maximum Ratings

Characteristics	Symbol	Conditions	Values	Unit
	f			

Notes:



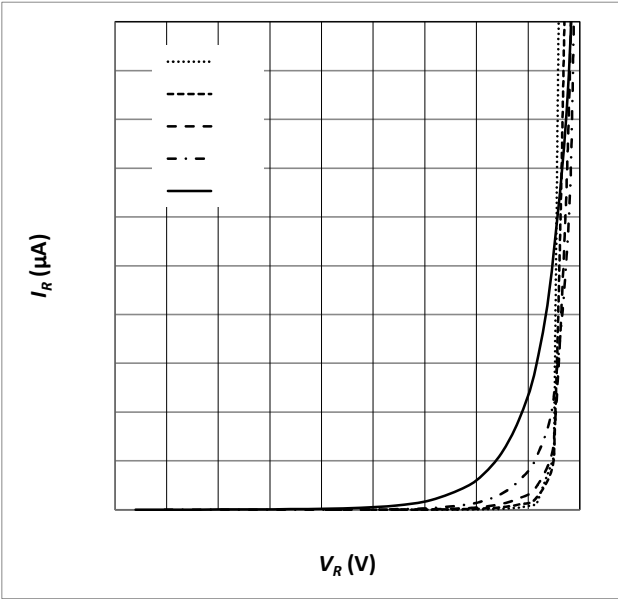


Fig. 3 Reverse Characteristics

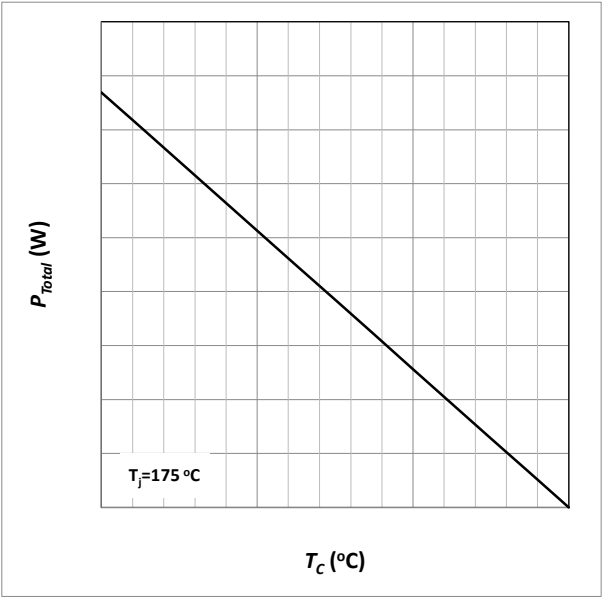


Fig. 4 Power Derating

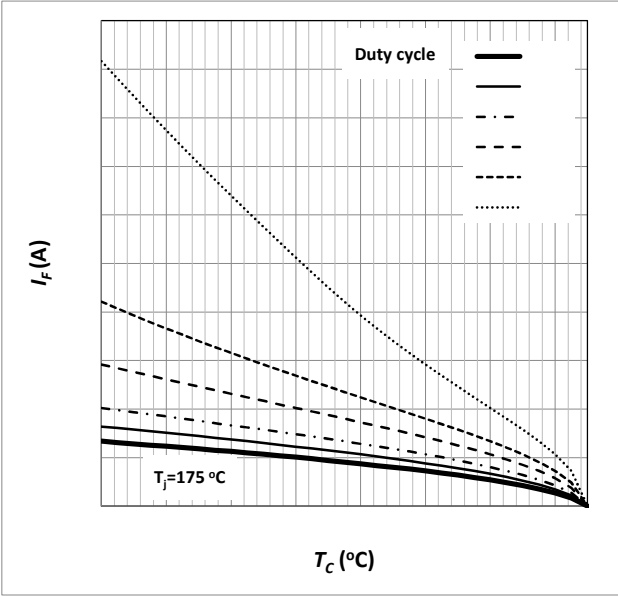


Fig. 5 Capacitance

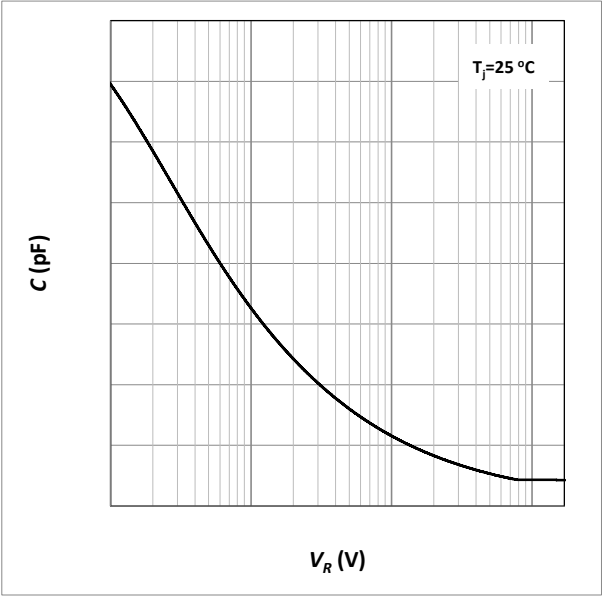


Fig. 6 Capacitance

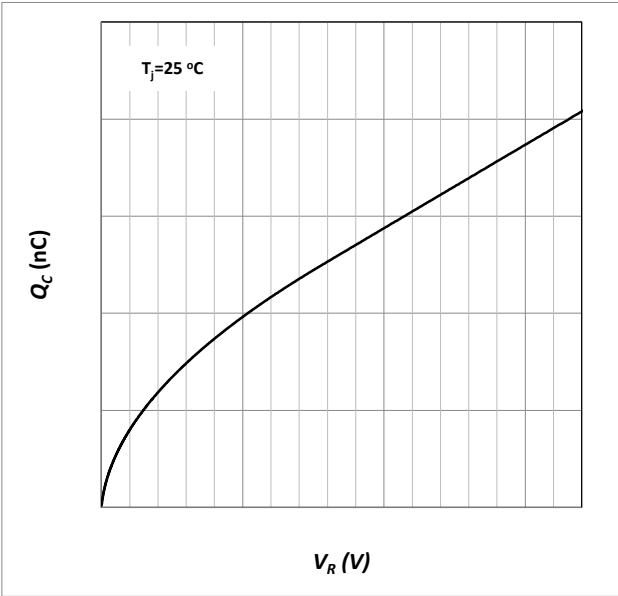


Fig. 7 Capacitive Charge

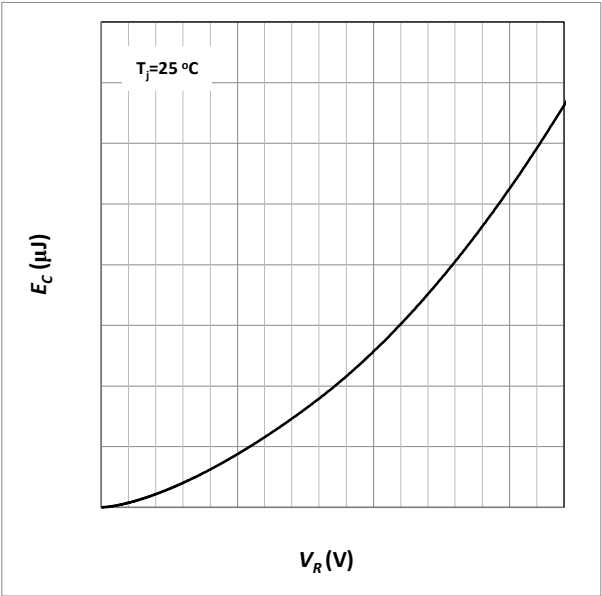


Fig. 8 Typical Capacitance Stored Energy

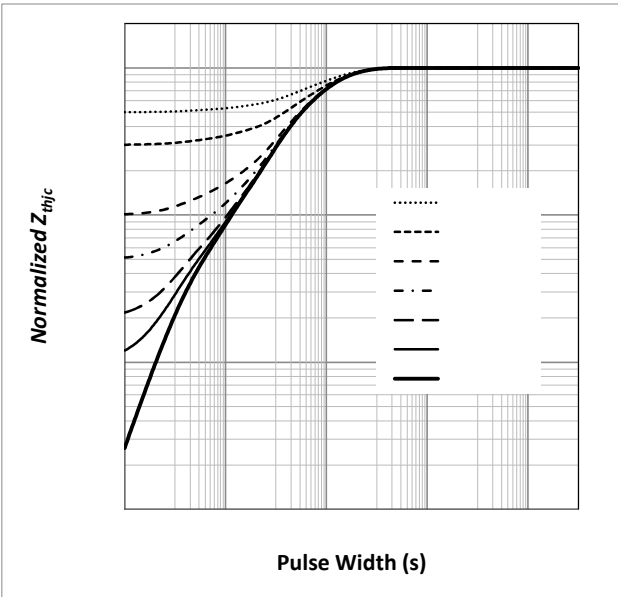


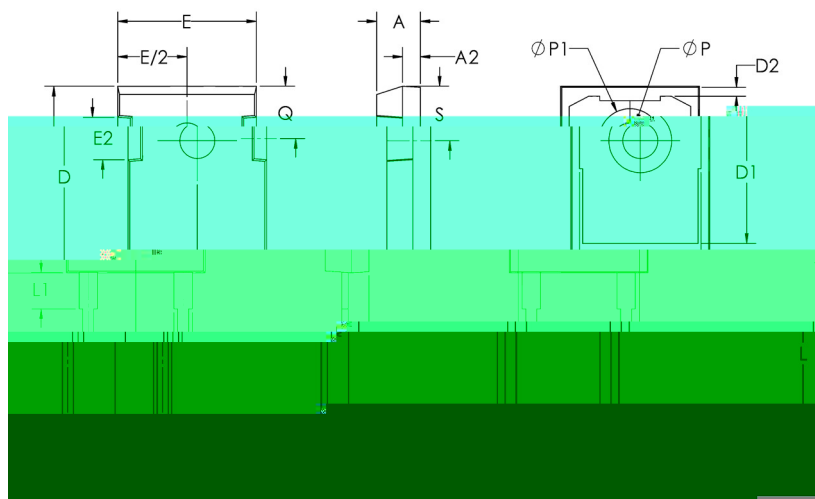
Fig. 9 Transient Thermal Impedance

1700V SiC Schottky Diode

Amp⁺™

GP3D020A170B

Package Dimensions TO-247-2L

[illegible]

RoHS Compliance

REACH Compliance