



650V SiC Schottky Diode

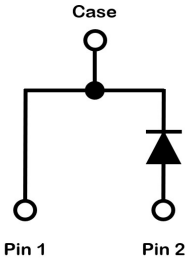
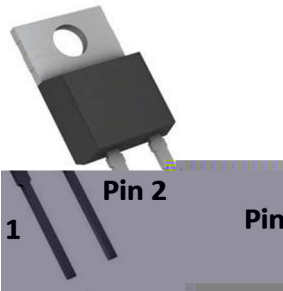
GP3D010A065A

VDC	650 V
Q _C	27 nC
I _F	10 A
T _{j,max}	175 °C

Amp+™ Features

Package

Amp+™ Benefits



Part #	Package	Marking
GP3D010A065A	TO-220-2L	3D010A065

Amp+™ Applications



Maximum Ratings

Characteristics	Symbol	Conditions	Values	Unit
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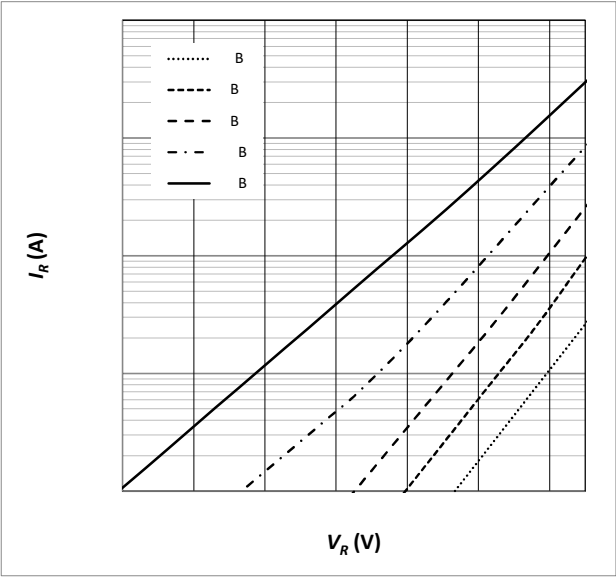
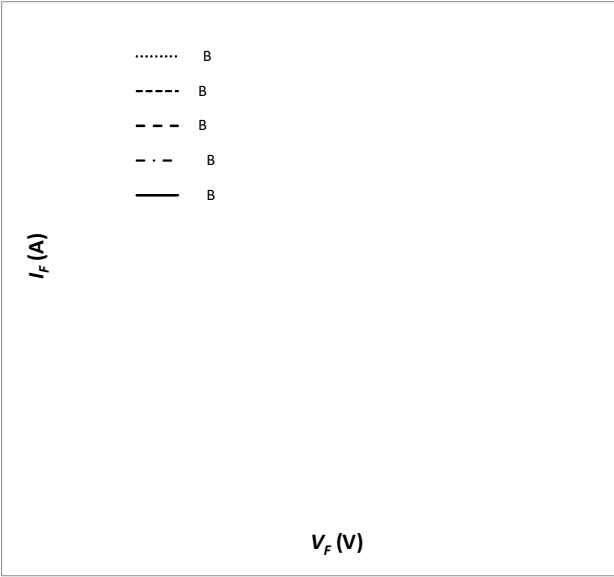
Notes:

b Q B

Characteristic	Symbol	Conditions	Values
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Symbol	Values
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Typical Performance



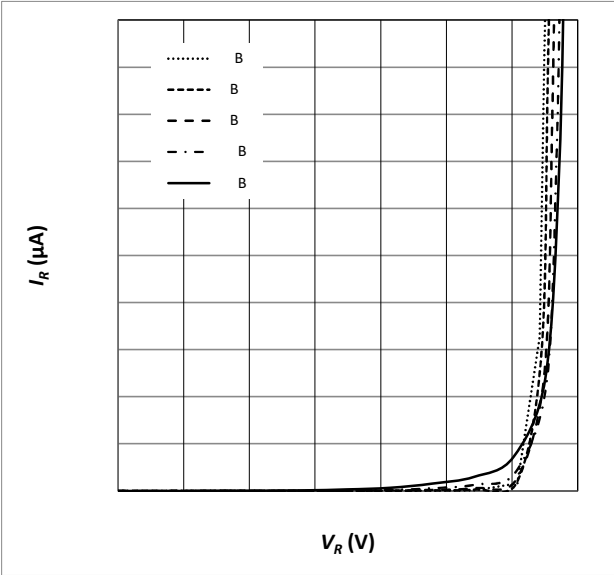


Fig. 3 Reverse Characteristics

Fig. 4 Power Derating

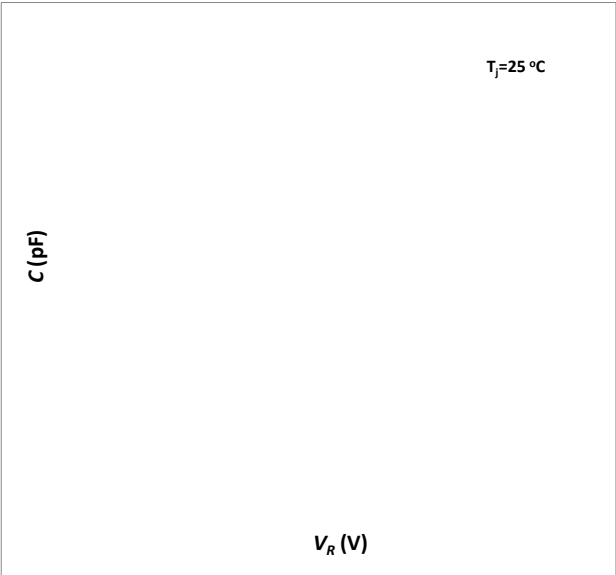


Fig. 5 Current Derating

Fig. 6 Capacitance

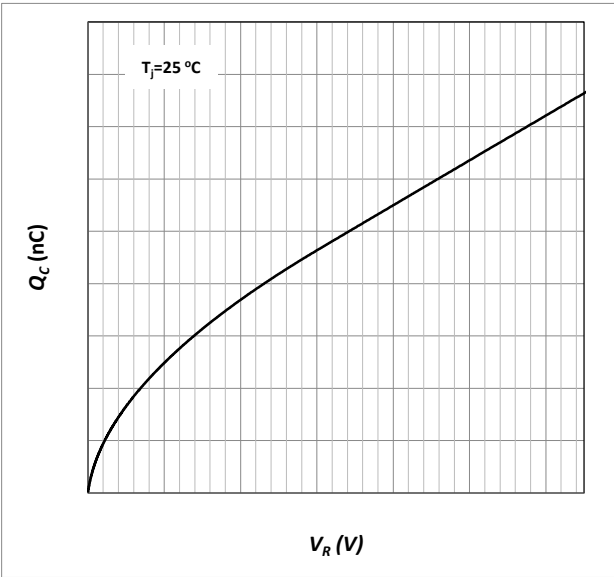


Fig. 7 Capacitive Charge

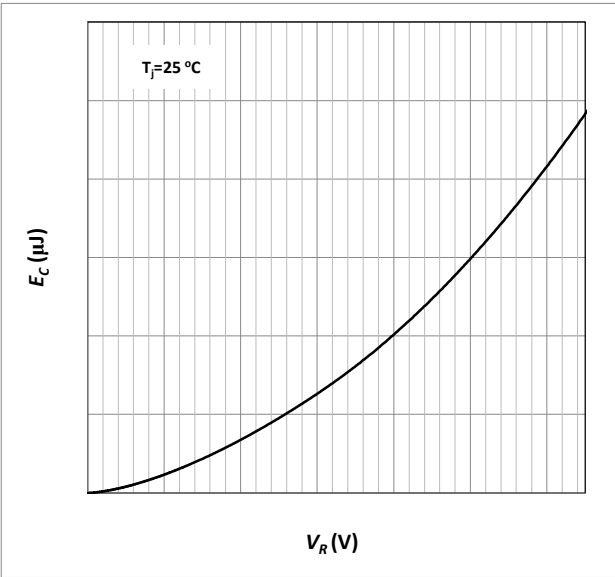


Fig. 8 Typical Capacitance Stored Energy

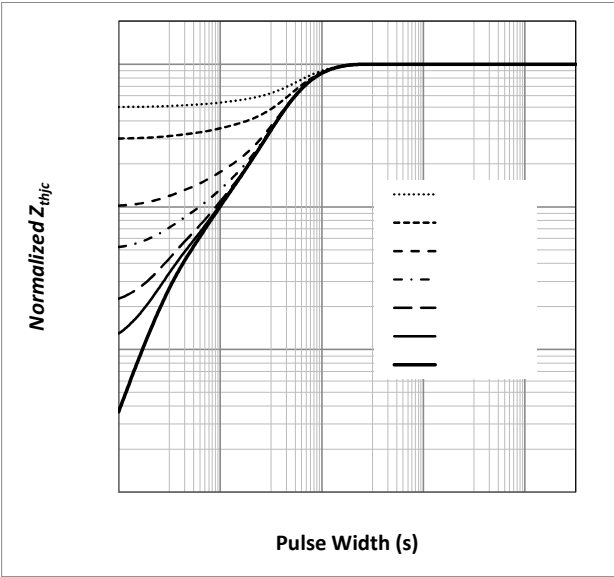
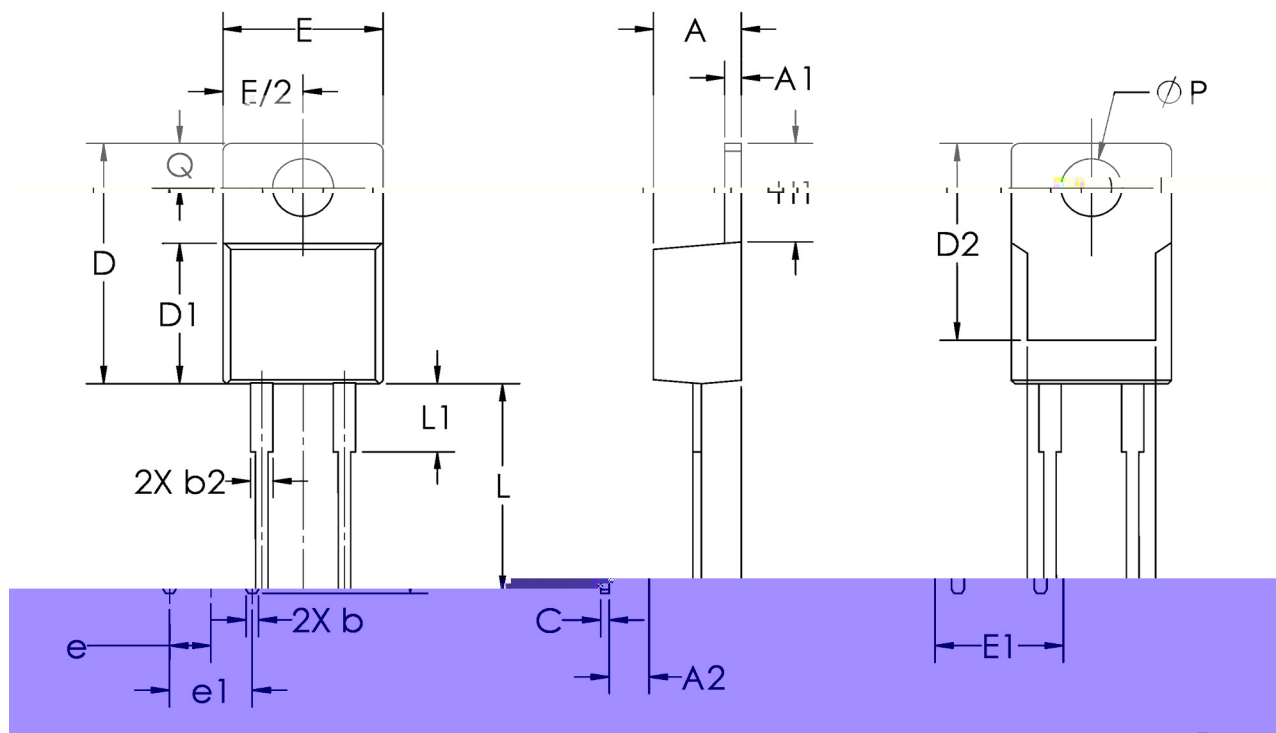


Fig. 9 Transient Thermal Impedance

Package Dimensions TO-220-2L

Amp +™

GP3D010A065A

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Revision History

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RoHS Compliance

b Q b b b b B Q b Q
b b b bb b b b b

REACH Compliance

[illegible]