



650V SiC Schottky Diode

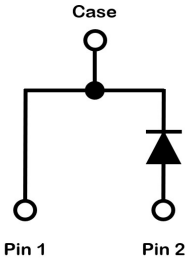
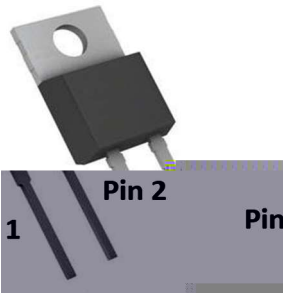
GP3D020A065A

VDC	650 V
Q _C	53 nC
I _F	20 A
T _{j,max}	175 °C

Amp+™ Features

Package

Amp+™ Benefits



Amp+™ Applications

Part #	Package	Marking
GP3D020A065A	TO-220-2L	3D020A065

Maximum Ratings



Characteristics	Symbol	Conditions	Values	Unit
	f			

Notes:

b Q B

650V Silicon Rectifier Diode

Amp+™

GBJ020A0652

Electrical Characteristics

Characteristic	Symbol	Standard	Unit
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Thermal Characteristics

Characteristic	Symbol	Standard	Unit
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Typical Performance

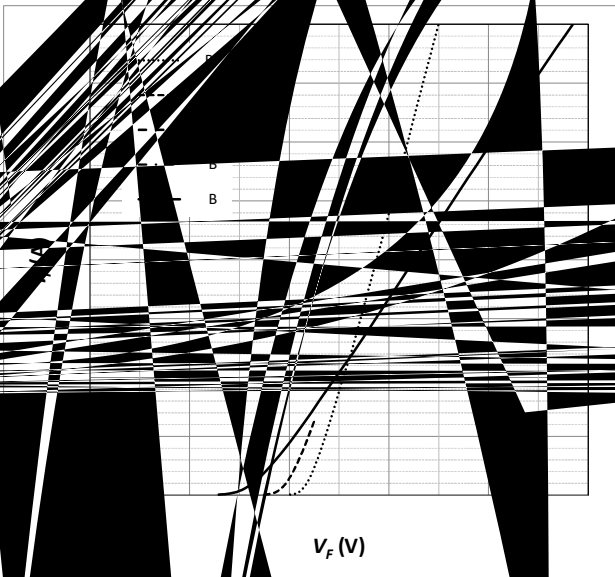


Fig. 1 Forward Characteristics

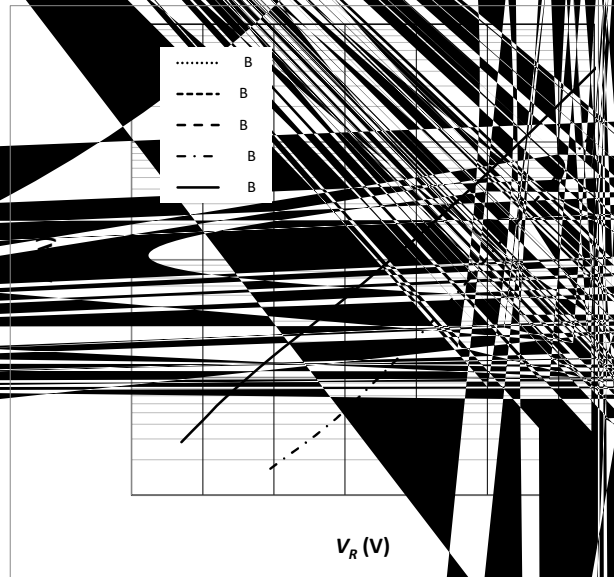


Fig. 2 Reverse Characteristics

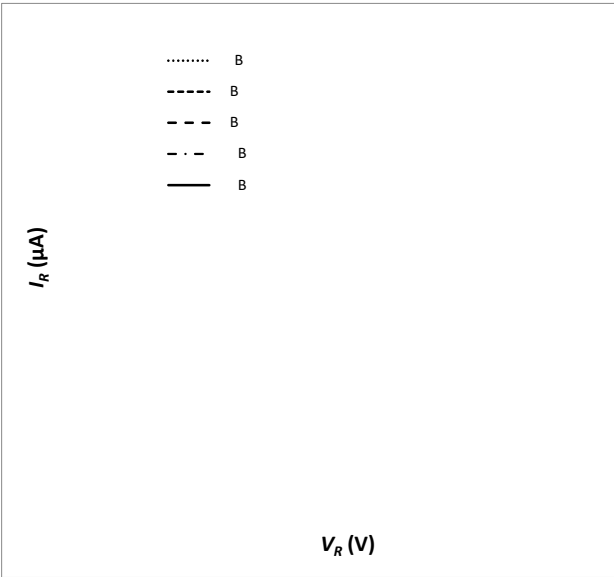


Fig. 3 Reverse Characteristics

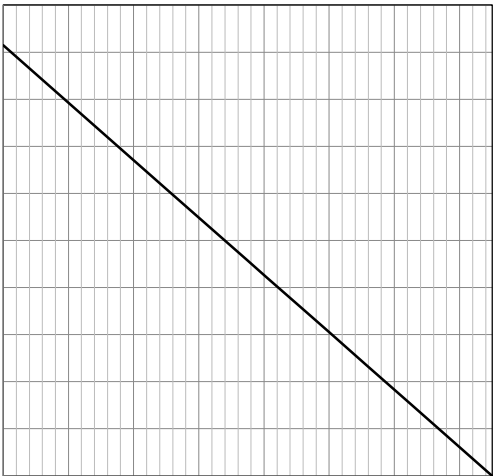


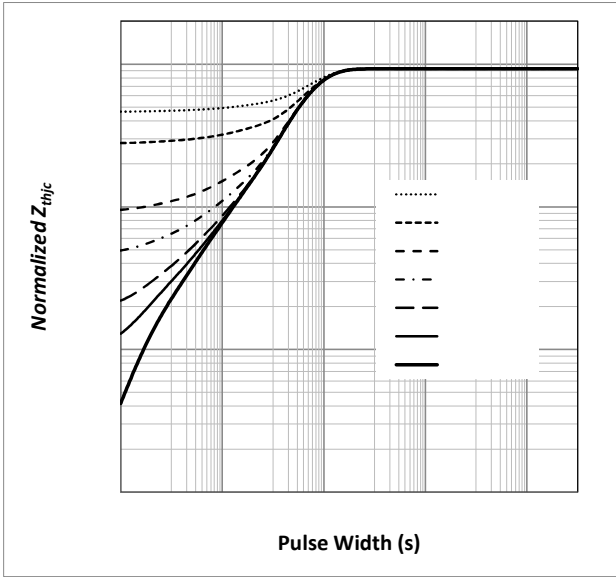
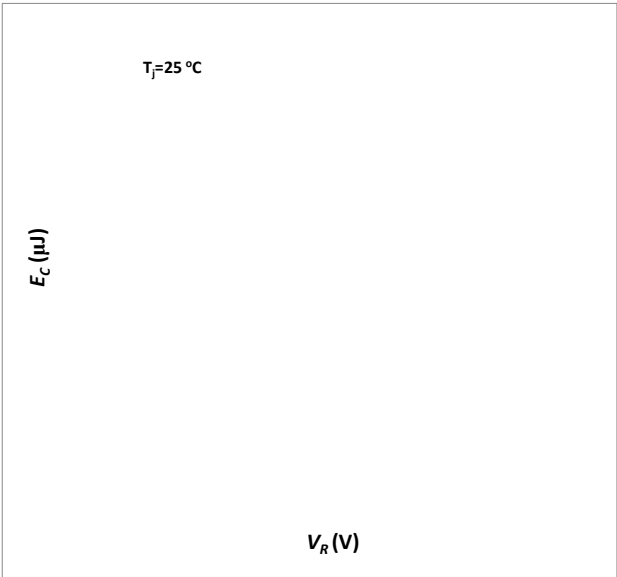
Fig. 4 Power Derating

Fig. 5 Current Derating

Fig. 6 Capacitance

Amp

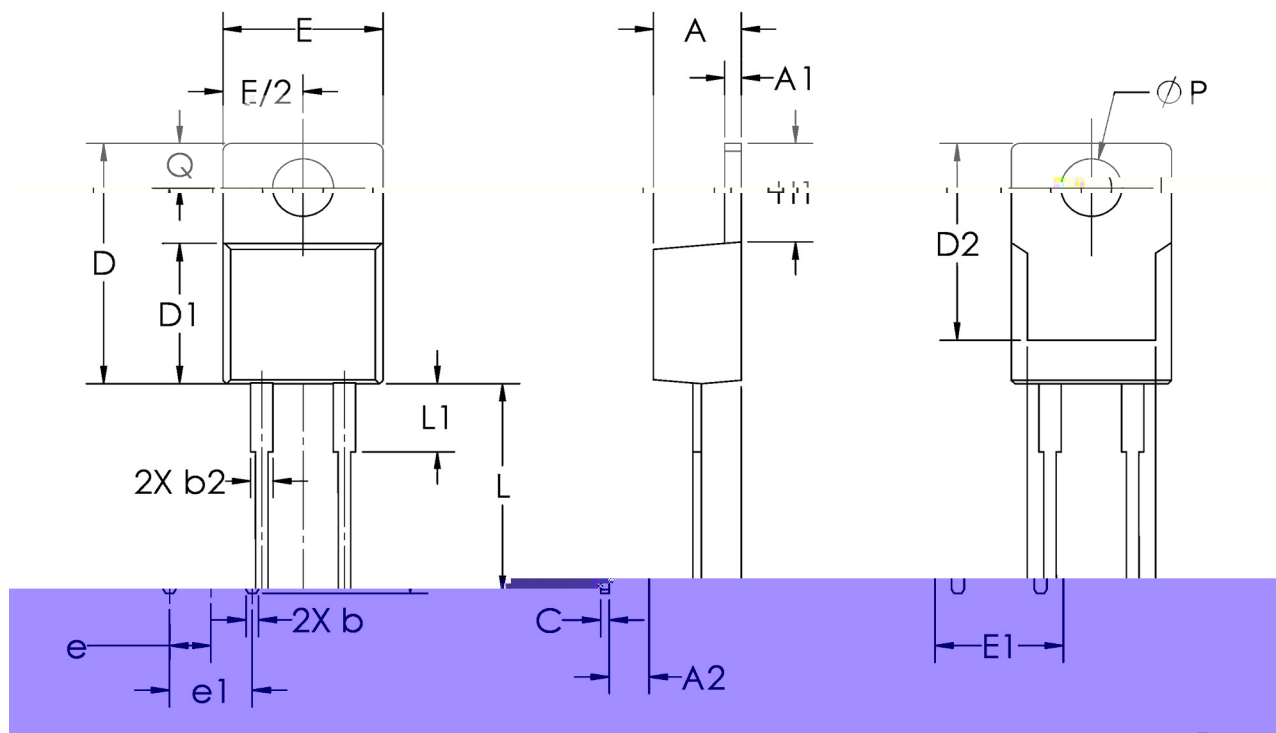
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Package Dimensions TO-220-2L

Amp +™

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Revision History

[illegible]M

RoHS Compliance

$\begin{array}{ccccccc} & Q & b & & b & & b \quad b \\ b & b & & & b & & bb \quad b \\ b & & b \quad b & & b & & b \end{array}$

REACH Compliance

[illegible]