



650V SiC Schottky Diode

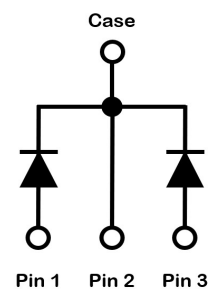
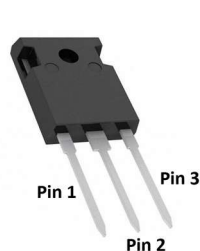
GP3D024A065U

VDC	650 V
Q_C	72 nC***
I_F	24 A***
$T_{j,max}$	175 °C

Amp+™ Features

Package

Amp+™ Benefits



Amp+™ Applications

Part #	Package	Marking
GP3D024A065U	TO-247-3L	3D024A065



Maximum Ratings

Characteristics Per Leg	Symbol	Conditions	Values	Unit
	f			

Notes:

Electrical Characteristics

Characteristics Per Leg	Symbol	Conditions	Values			Unit
						μ

Thermal Characteristics Per Leg

Characteristics Per Leg	Symbol	Conditions	Values			Unit

Typical Performance Per Leg

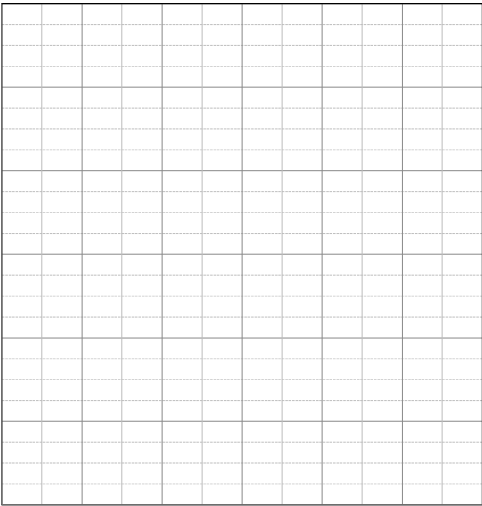


Fig. 1 Forward Characteristics

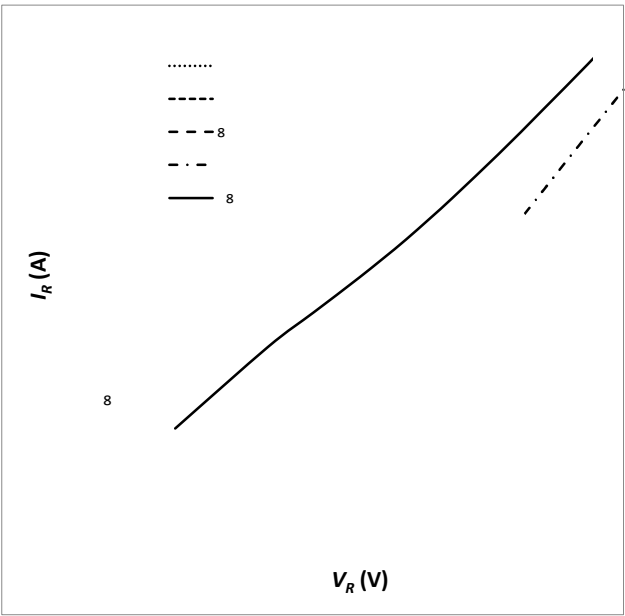


Fig. 2 Reverse Characteristics

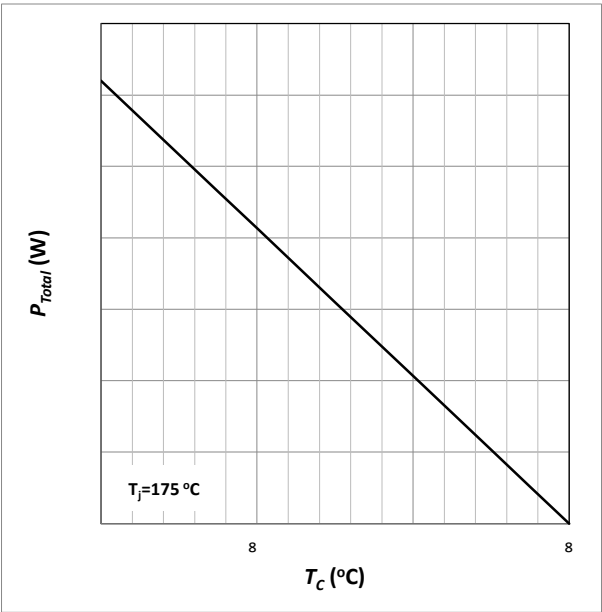


Fig. 3 Power Derating

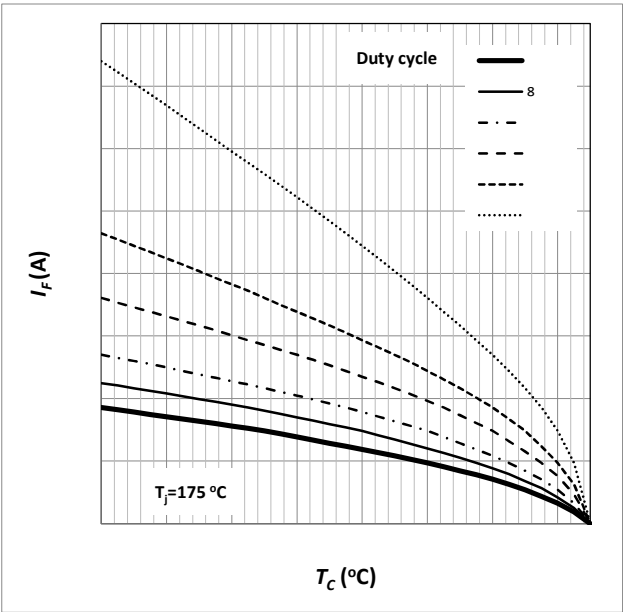


Fig. 4 Current Derating

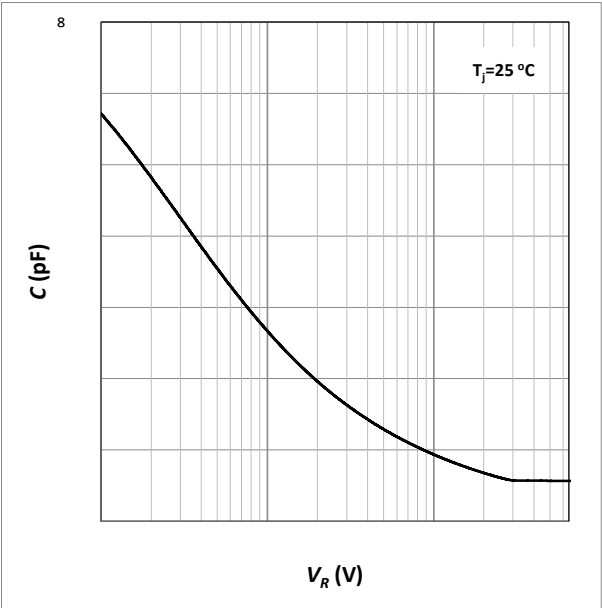


Fig. 5 Capacitance

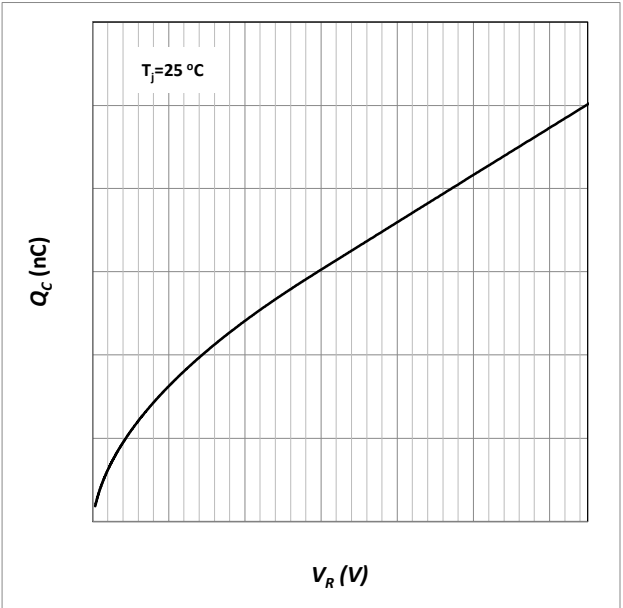


Fig. 6 Capacitive Charge

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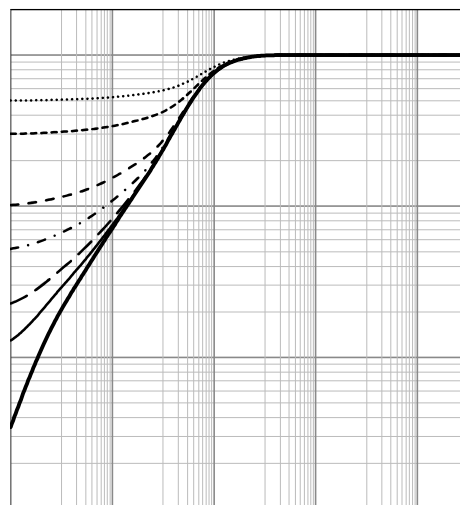


Fig. 8 Transient Thermal Impedance

[illegible]

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Amp+™

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RoHS Compliance

REACH Compliance