



650V SiC Schottky Diode

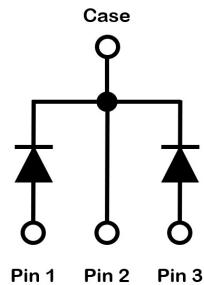
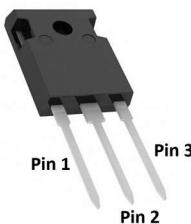
GP3D024A065U

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

Amp+™ Features

Package

Amp+™ Benefits



Amp+™ Applications

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



Maximum Ratings

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

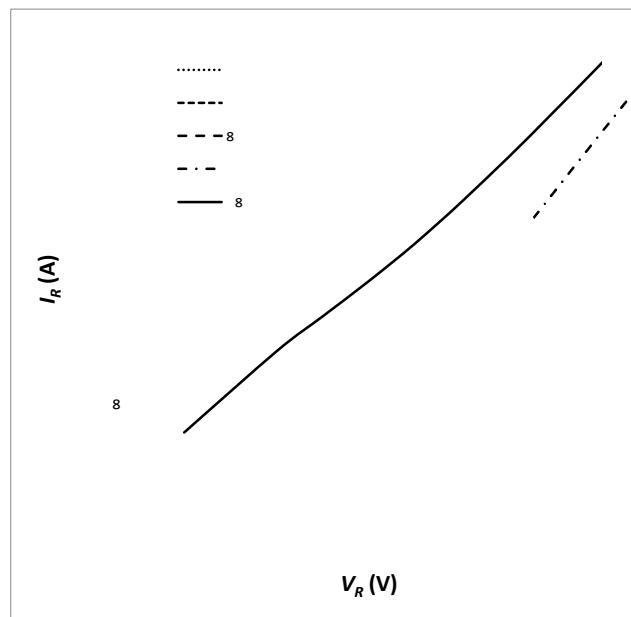
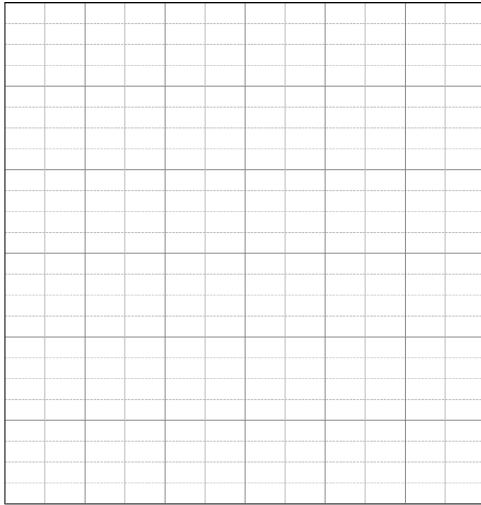


Fig. 1 Forward Characteristics

Fig. 2 Reverse Characteristics

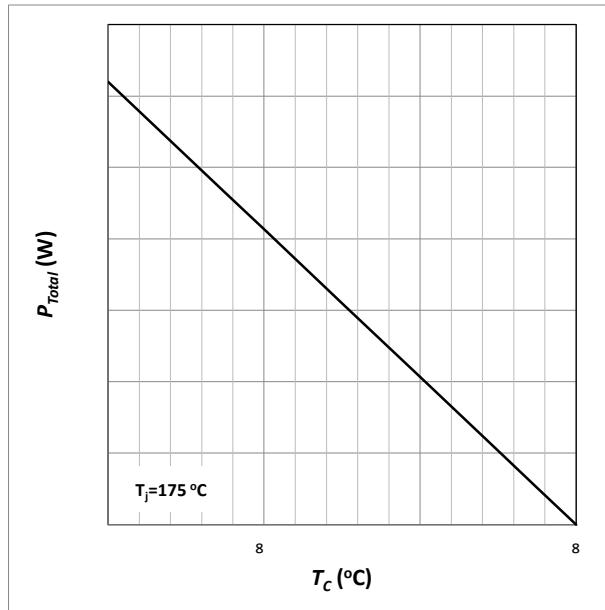


Fig. 3 Power Derating

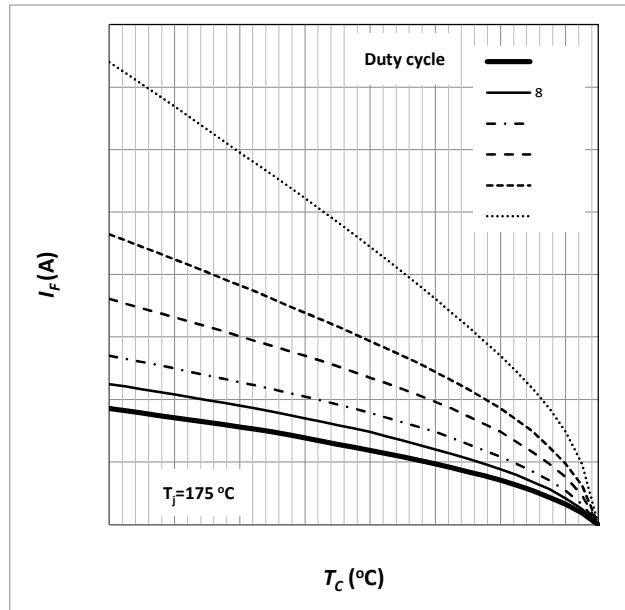


Fig. 4 Current Derating

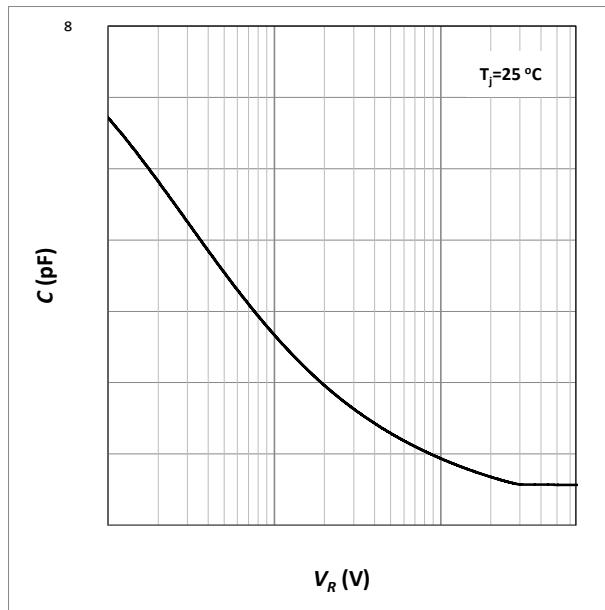


Fig. 5 Capacitance

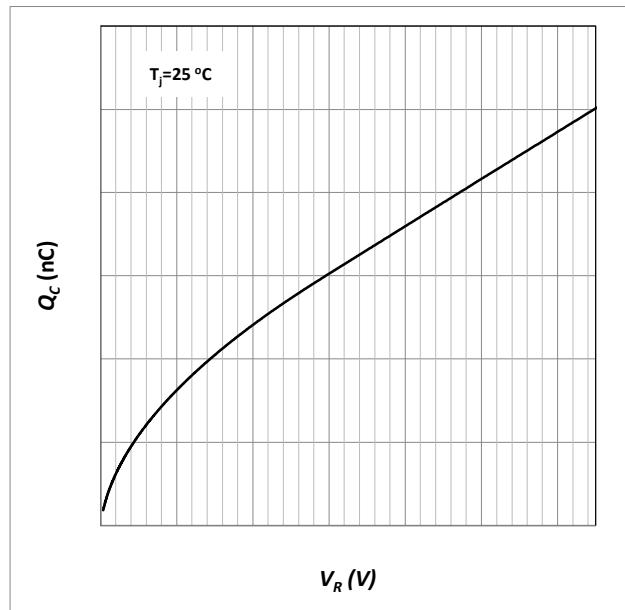


Fig. 6 Capacitive Charge

650V SiC Schottky Diode

Amp +™

GP3D024A065U

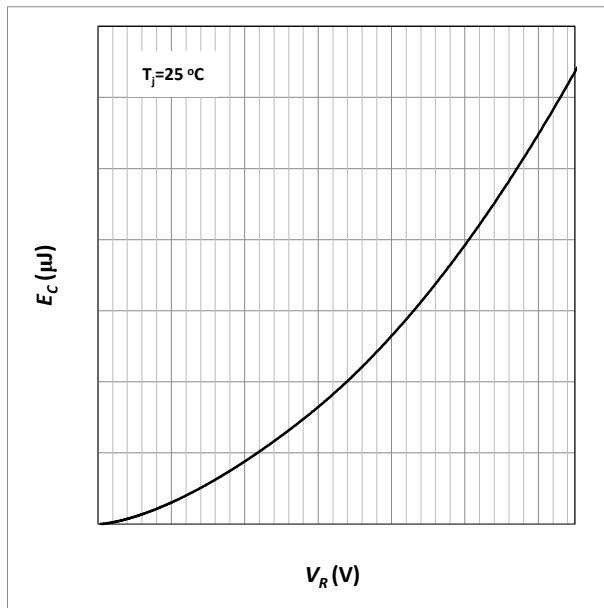


Fig. 7 Typical Capacitance Stored Energy

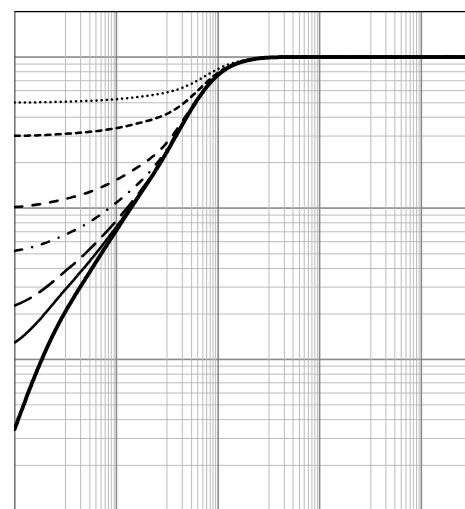


Fig. 8 Transient Thermal Impedance

Package Dimensions TO-247-3L

650V SiC Schottky Diode

Amp +TM

GP3D024A065U

RoHS Compliance

REACH Compliance