



' 6 +

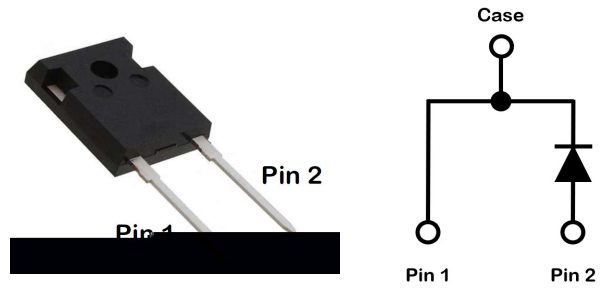
650V SiC Schottky Diode

VDC	650 V
Q _C	36 nC
I _F	12 A
T _{j,max}	175 °C

6 ^B Features

Package

6 ^B Benefits



6 ^B Applications

Part #	Package	Marking
GP3D012A065B	TO-247-2L	3D012A065



Maximum Ratings

Characteristics	Symbol	Conditions	Values	Unit
	∫			

Notes:

Electrical Characteristics

Characteristics	Symbol	Conditions	Values			Unit
						μ

Thermal Characteristics

Characteristics	Symbol	Conditions	Values			Unit

Typical Performance

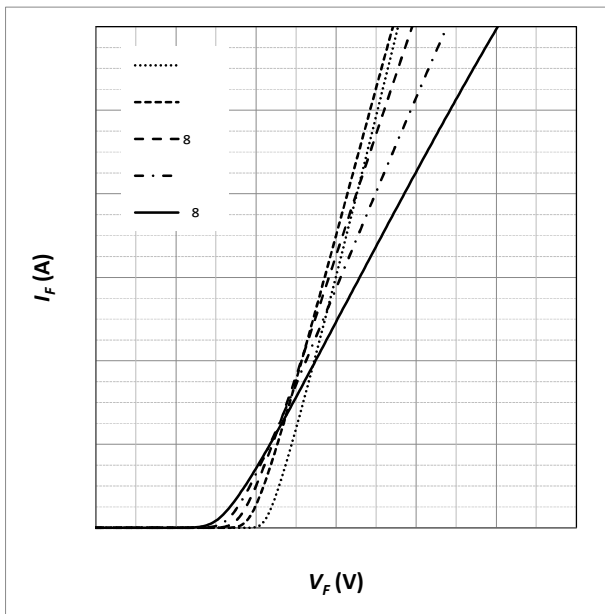


Fig. 1 Forward Characteristics

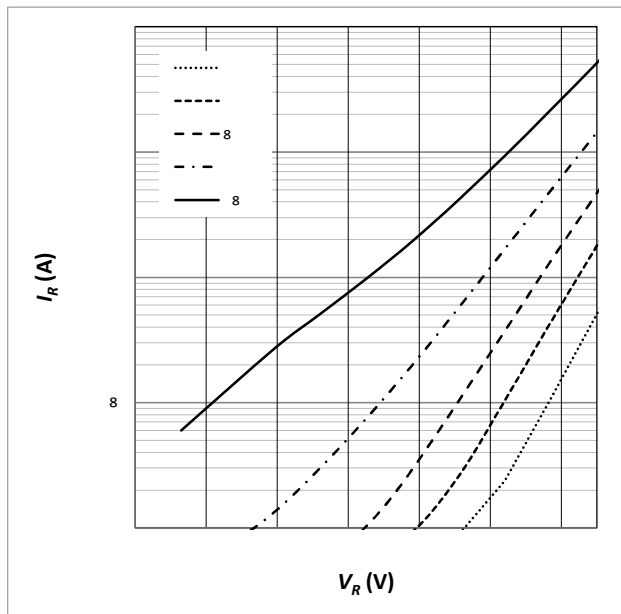


Fig. 2 Reverse Characteristics

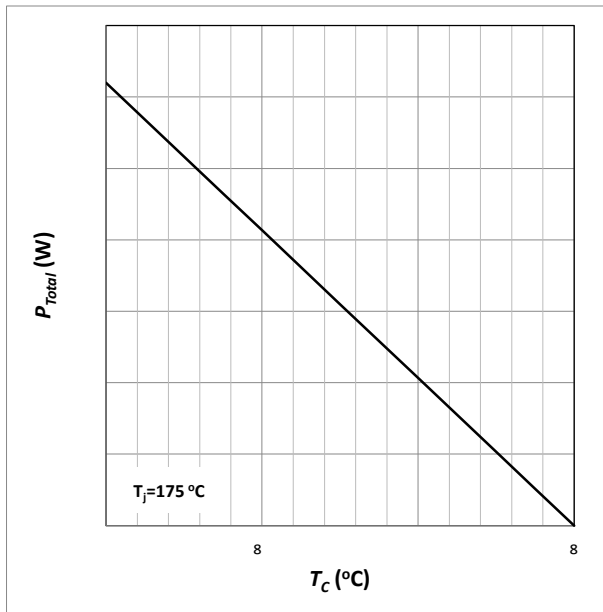


Fig. 3 Power Derating

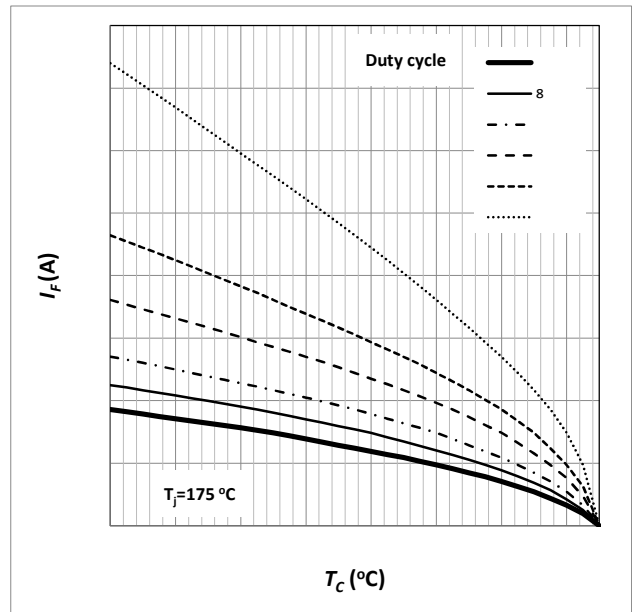


Fig. 4 Current Derating

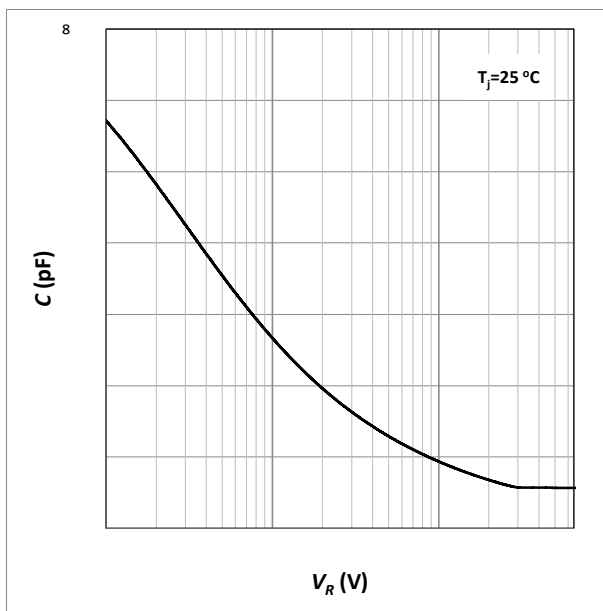


Fig. 5 Capacitance

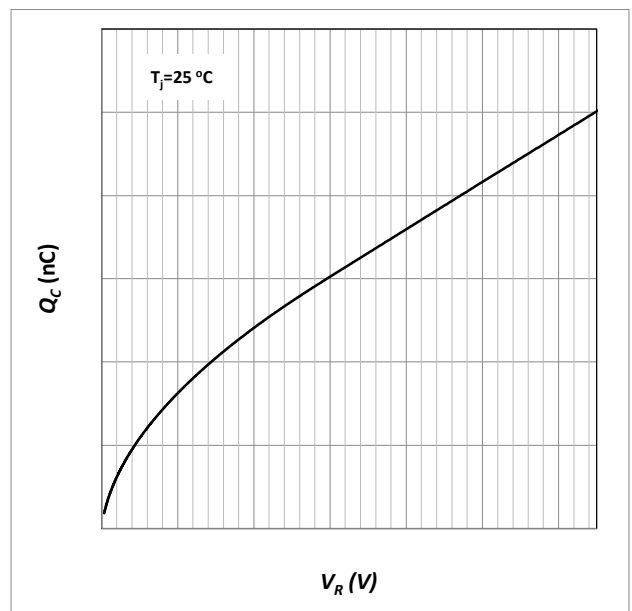


Fig. 6 Capacitive Charge

650V SiC Schottky Diode

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RoHS Compliance

REACH Compliance

Mouser Electronics

Authorized Distributor

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