

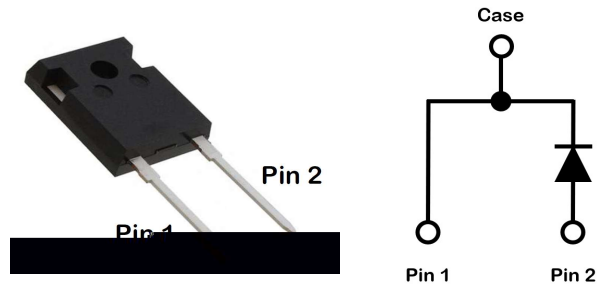
650V SiC Schottky Diode

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

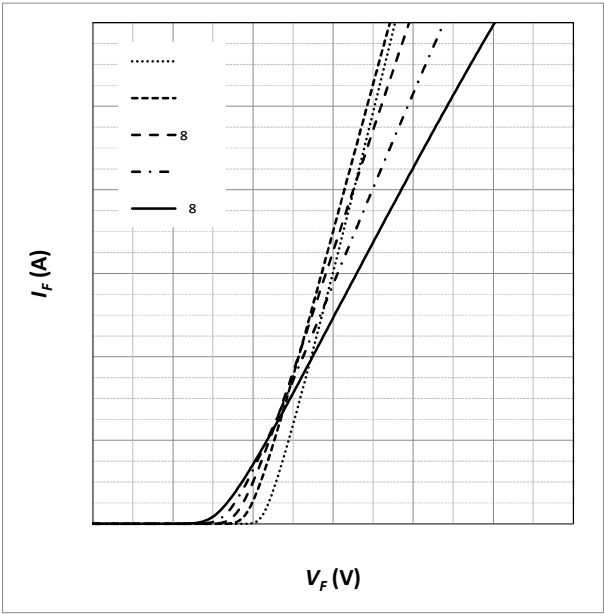


Fig. 1 Forward Characteristics

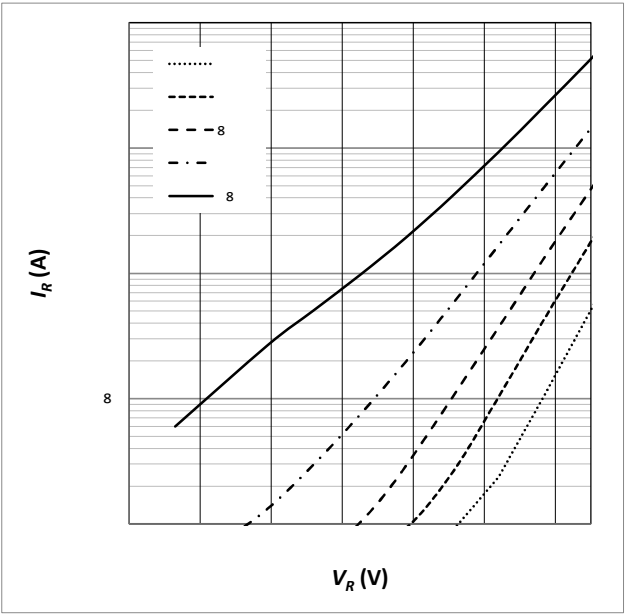


Fig. 2 Reverse Characteristics

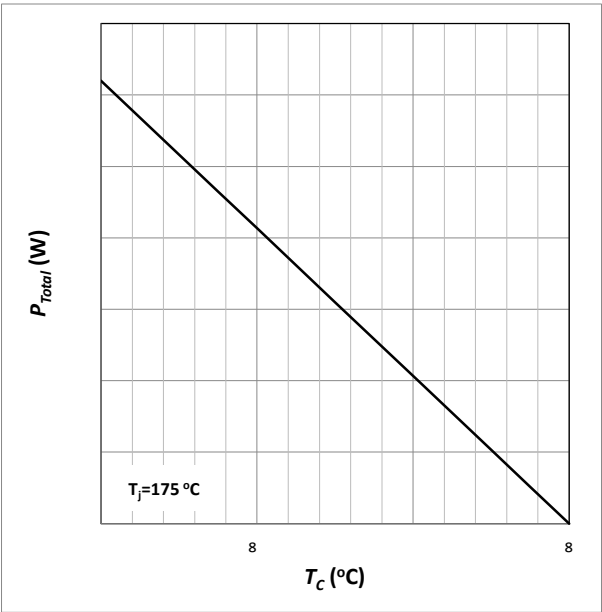


Fig. 3 Power Derating

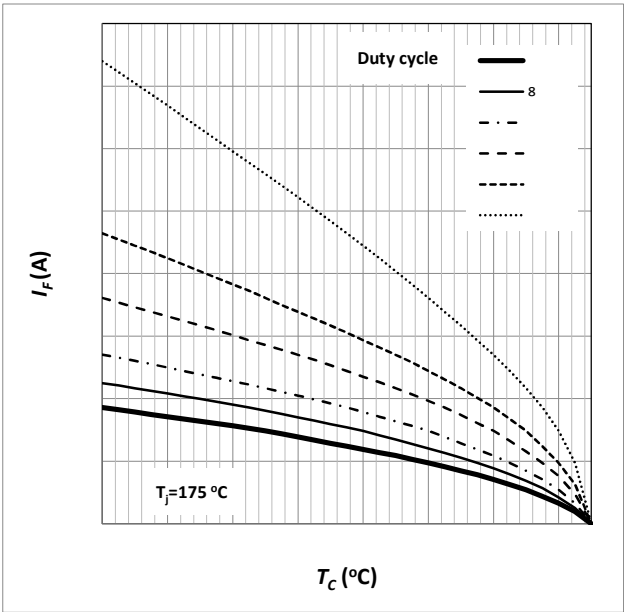


Fig. 4 Current Derating

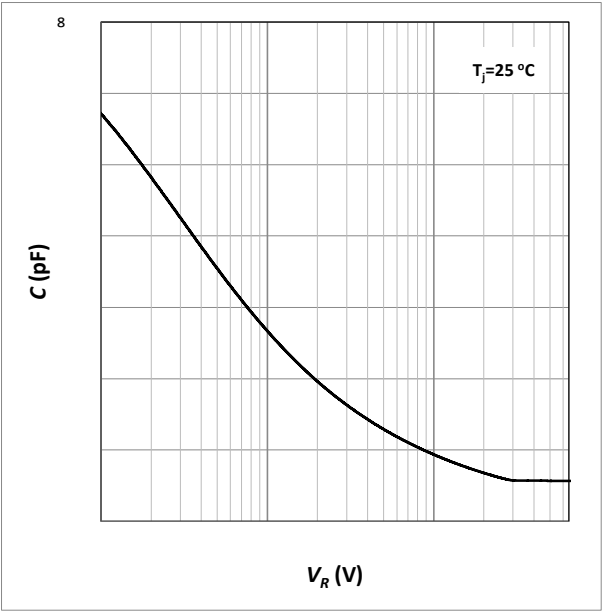


Fig. 5 Capacitance

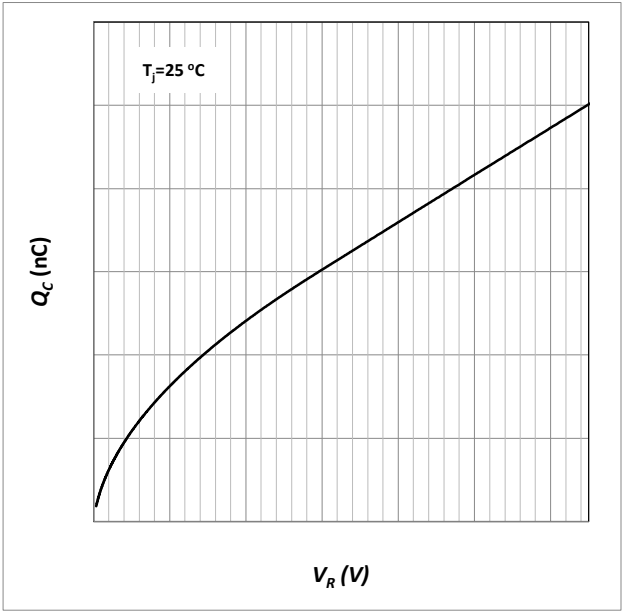
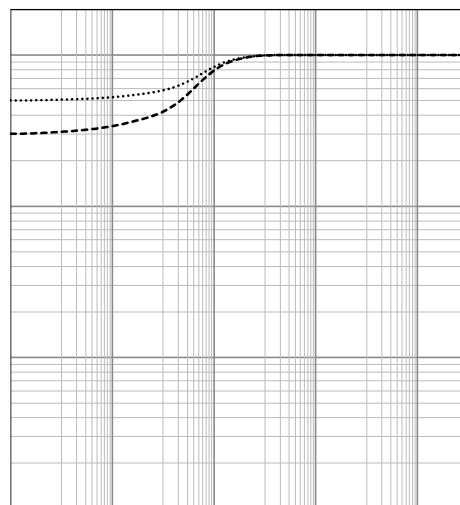
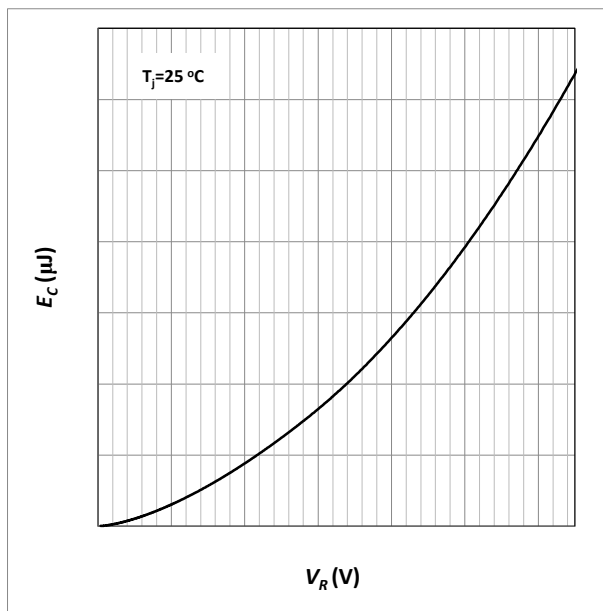


Fig. 6 Capacitive Charge



Package Dimensions TO-247-2L

[illegible]

650V SiC Schottky Diode

6 +™

' 6 +

RoHS Compliance

REACH Compliance