



**GP3D015A120A**

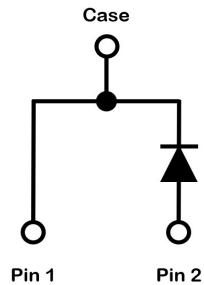
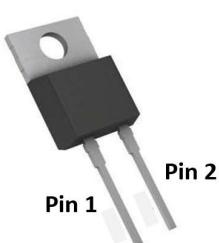
# 1200V SiC Schottky Diode

<b>V<sub>DC</sub></b>	<b>1200 V</b>
<b>Q<sub>C</sub></b>	<b>86 nC</b>
<b>I<sub>F</sub></b>	<b>15 A</b>
<b>T<sub>j,max</sub></b>	<b>175 °C</b>

## **Amp+™ Features**

## Package

## **Amp+™ Benefits**



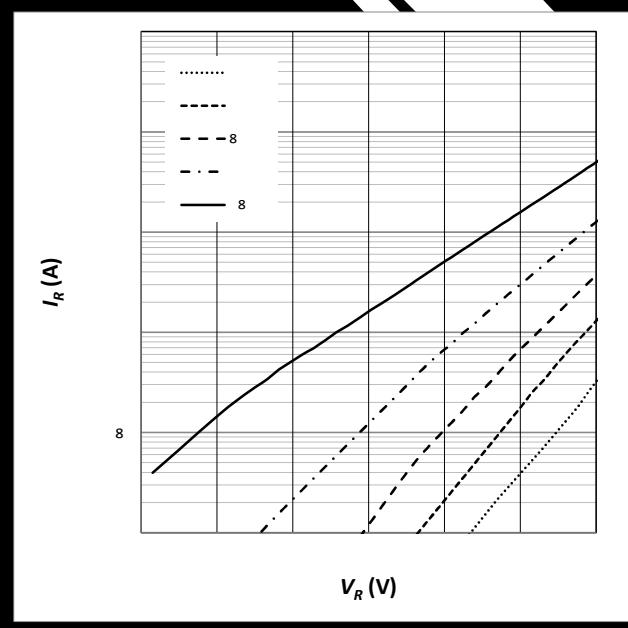
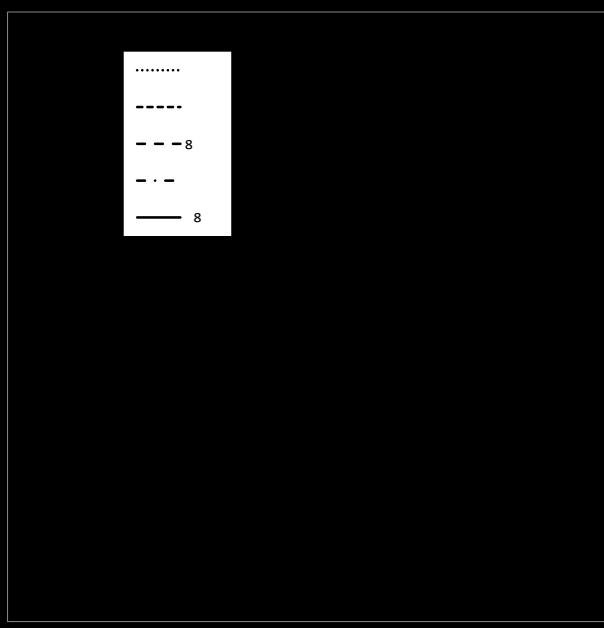
## **Amp+™ Applications**

Part #	Package	Marking
GP3D015A120A	TO-220-2L	3D015A120

## Maximum Ratings



## Notes:



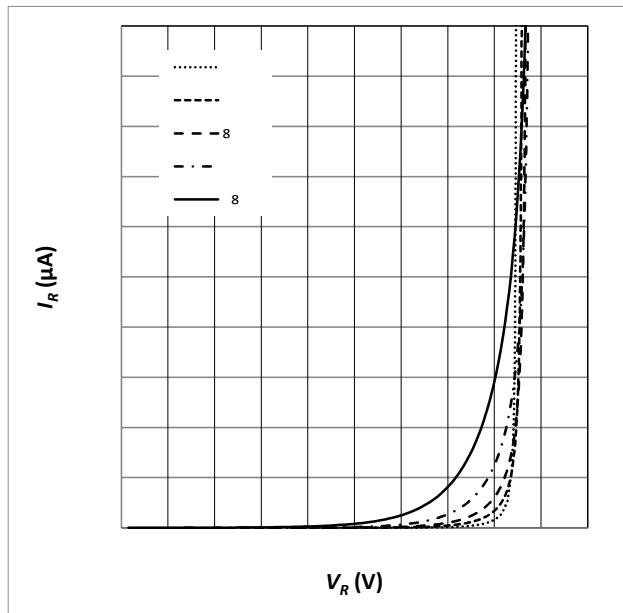


Fig. 3 Reverse Characteristics

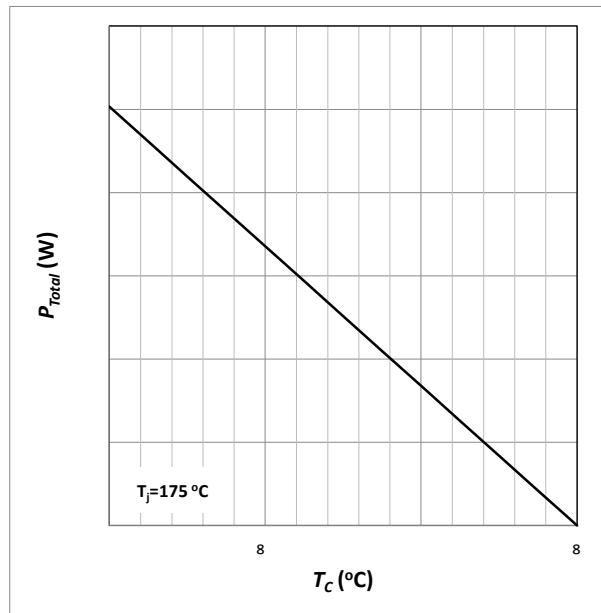


Fig. 4 Power Derating

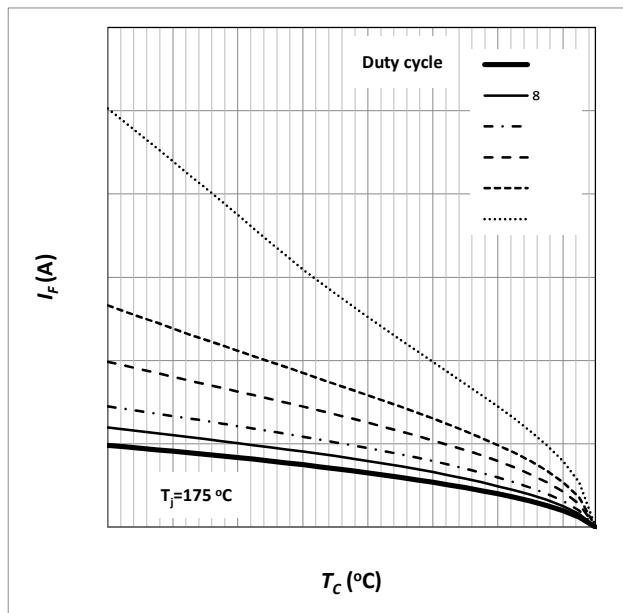


Fig. 5 Capacitance

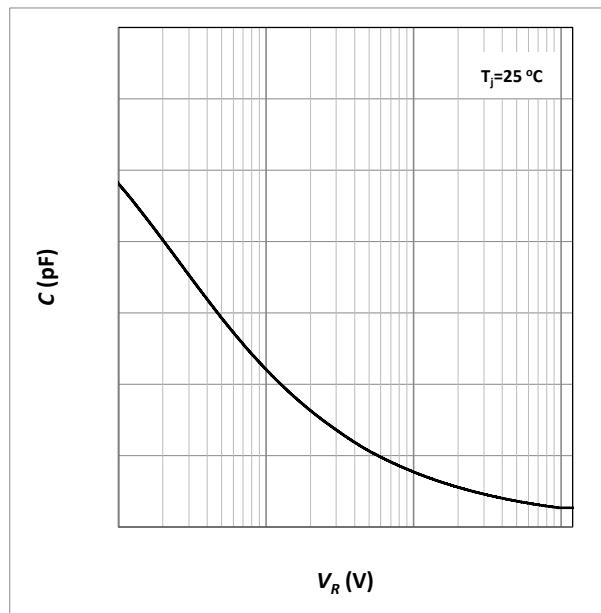


Fig. 6 Capacitance

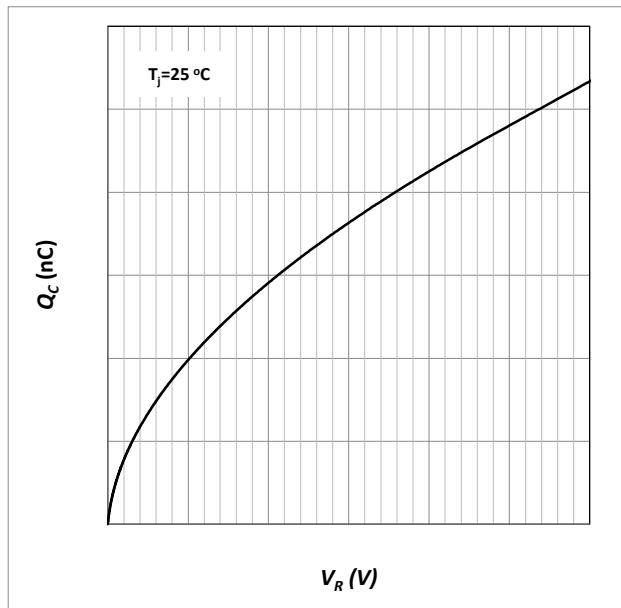


Fig. 7 Capacitive Charge

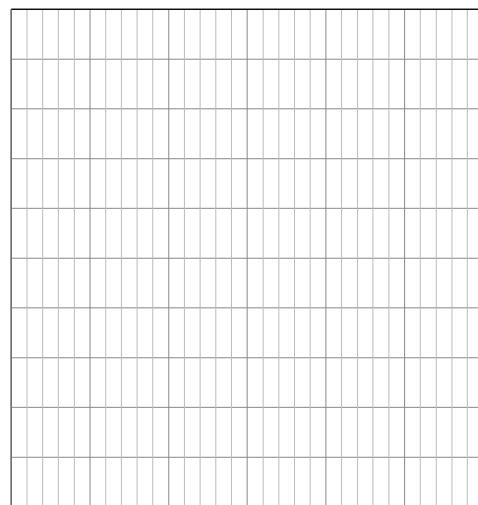


Fig. 8 Typical Capacitance Stored Energy

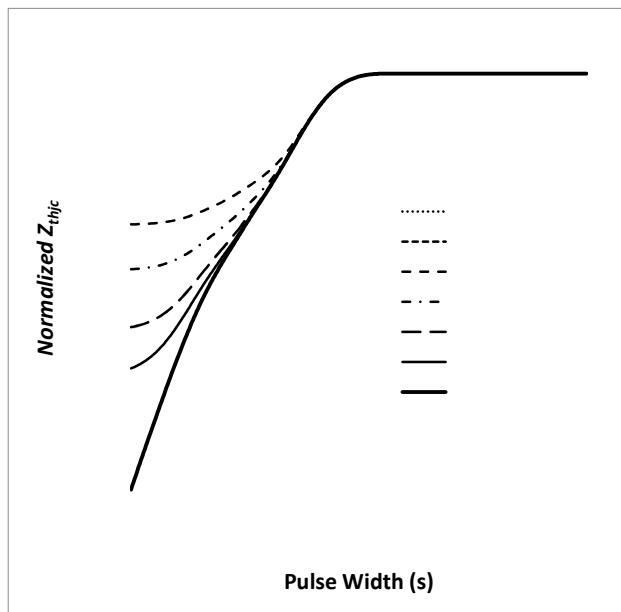


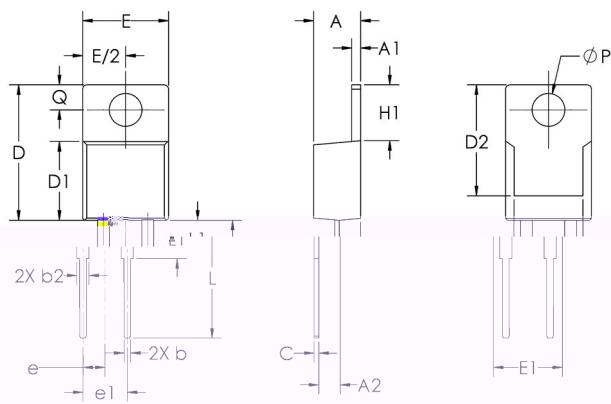
Fig. 9 Transient Thermal Impedance

# 1200V SiC Schottky Diode

**Amp +™**

GP3D015A120A

## Package Dimensions TO-220-2L



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## RoHS Compliance

## REACH Compliance