



## Silicon Carbide Schottky Diode

### Features

- High efficiency
- Low forward voltage drop
- Low reverse leakage current
- High switching speed
- High temperature capability
- Low thermal resistance
- High reliability
- Low EMI
- High power density
- Low cost

### Typical Applications

- Power supplies
- Motor drives
- LED lighting
- Industrial heating
- Automotive electronics
- Aerospace electronics
- Military electronics
- Medical electronics
- Consumer electronics
- Industrial electronics

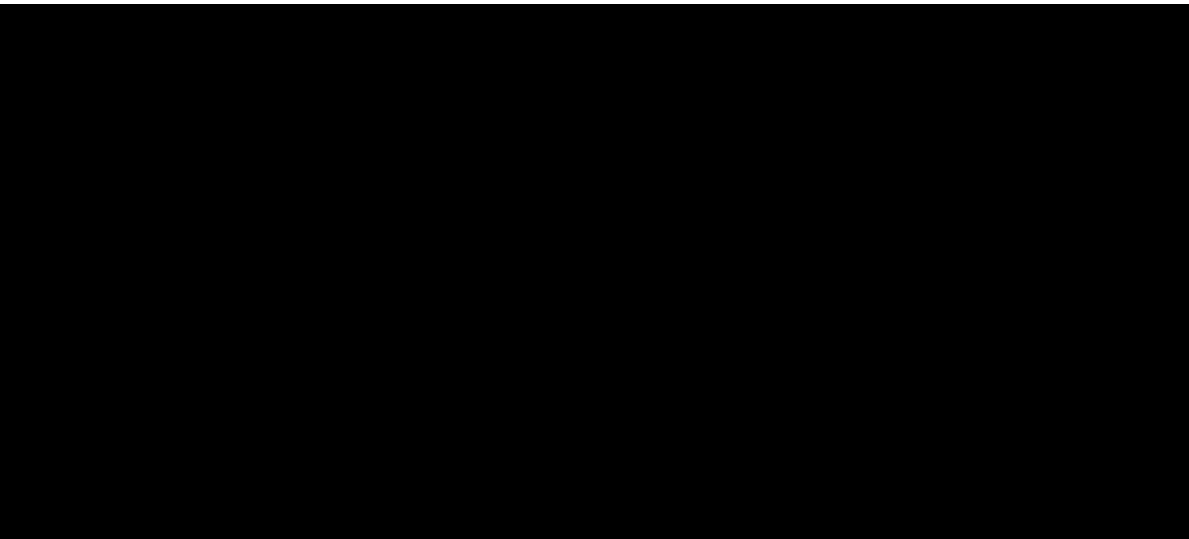
### Mechanical Data

- Package
- Terminals
- Polarity

### Maximum Ratings

VALUE

PARAMTETER	SYMBOL	UNIT	VALUE
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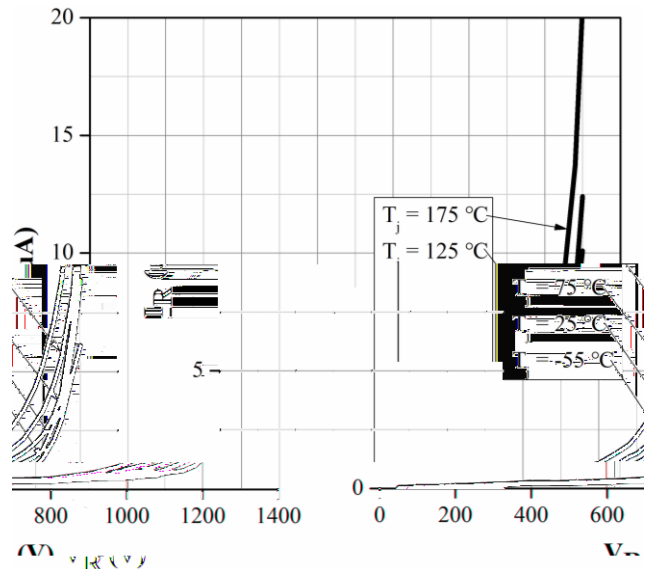
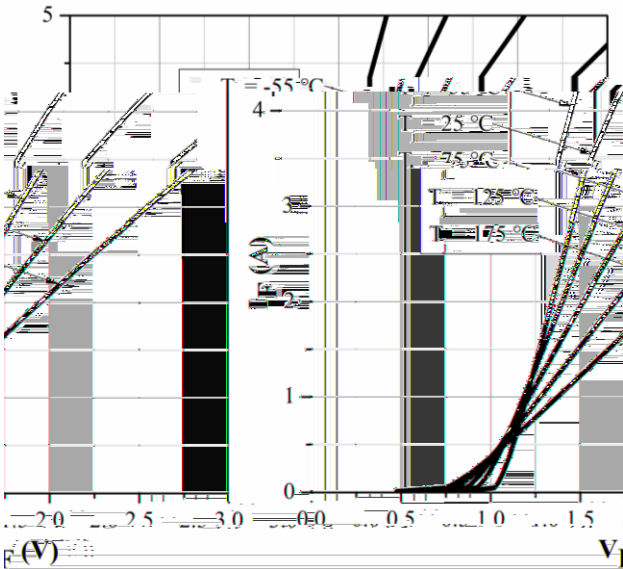
Electrical Characteristics

PARAMETER	SYMBOL	UNIT	TEST CONDITIONS	Typ.	Max.
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Thermal Characteristics

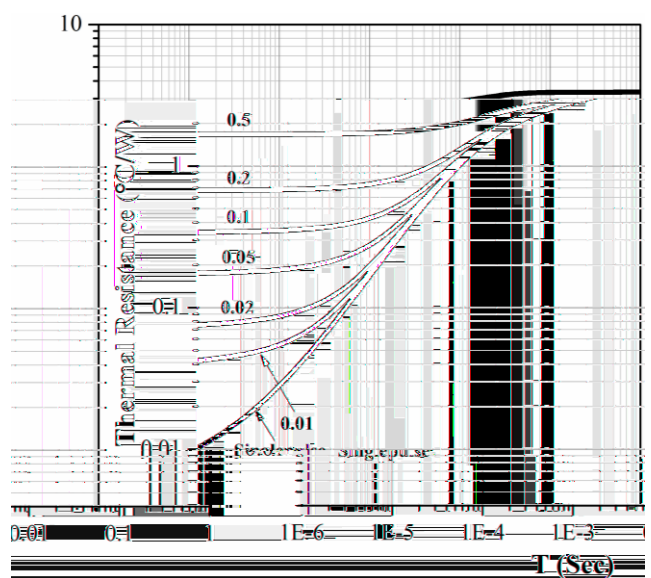
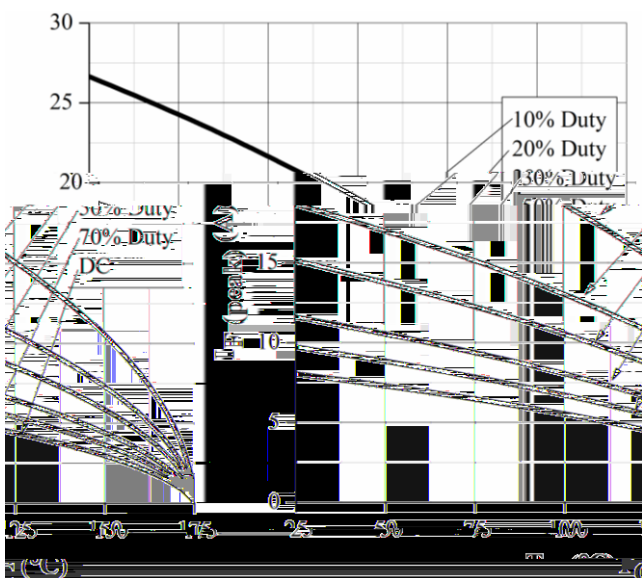
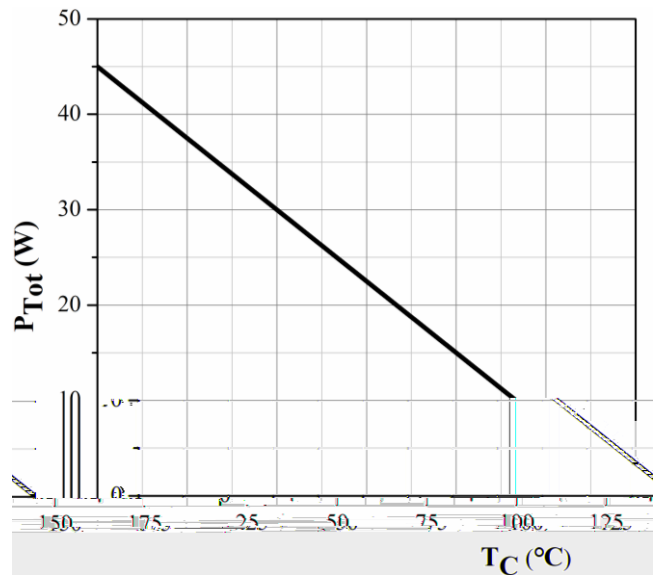
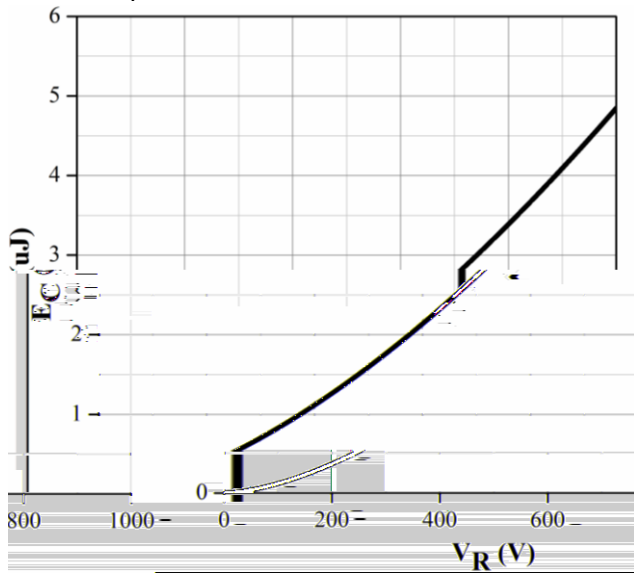
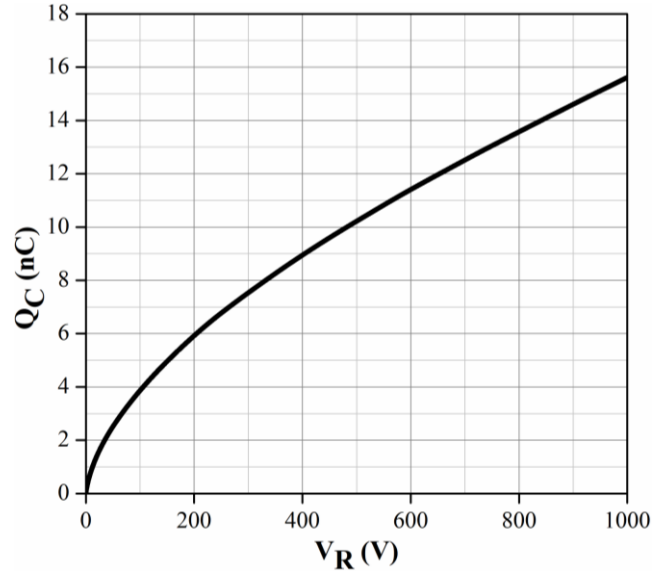
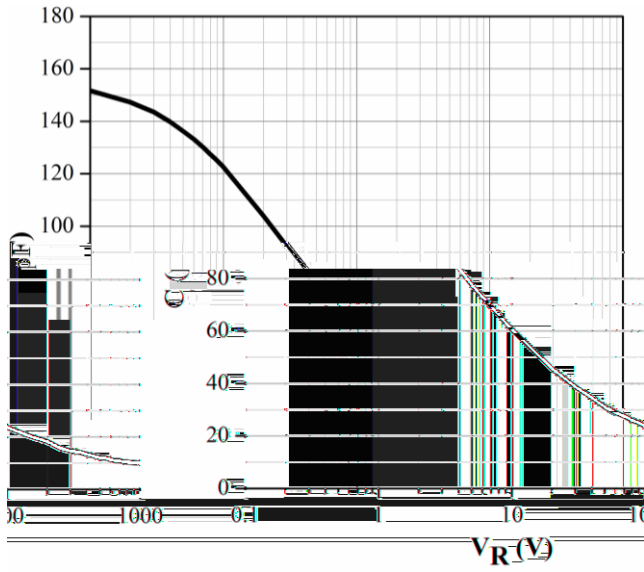
PARAMETER	SYMBOL	UNIT	VALUE

Typical Characteristics





# YJD112002DG1







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