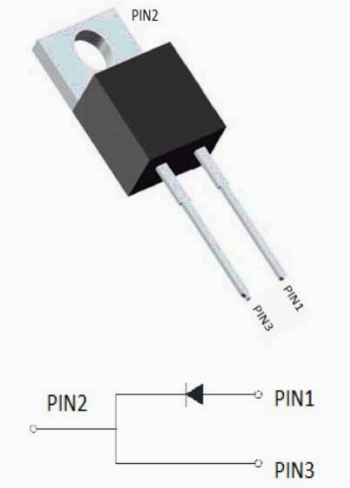
Silicon Carbide Schottky Diode



Features

Typical Applications

Mechanical Data

Package

Terminals

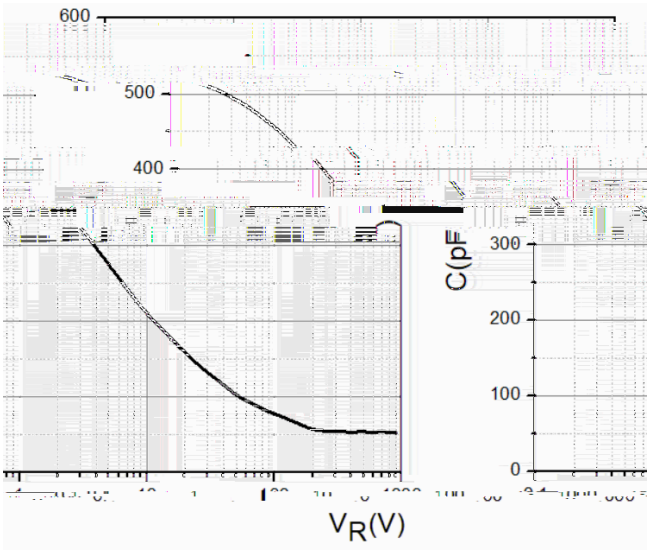
Polarity

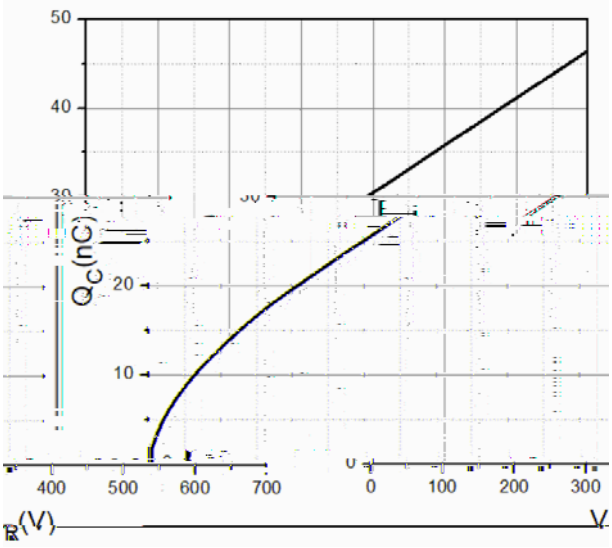
Maximum Ratings

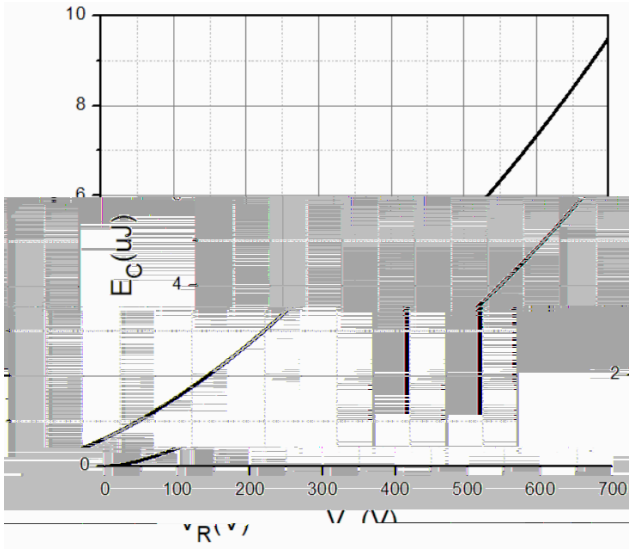
PARAMTETER	SYMBOL	UNIT	VALUE

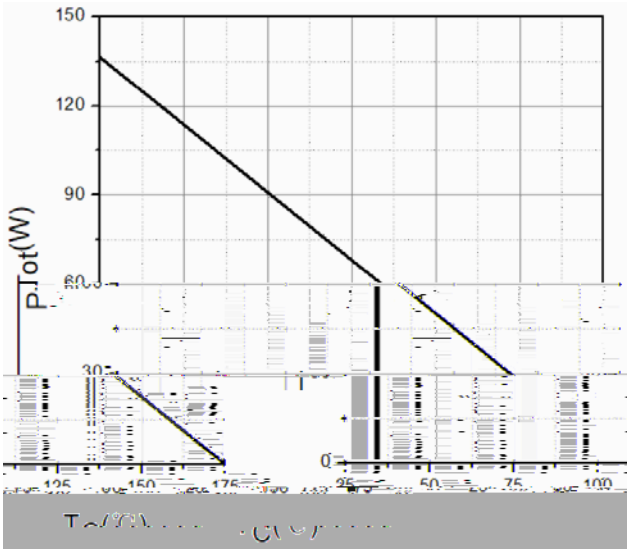
Electrical Characteristics

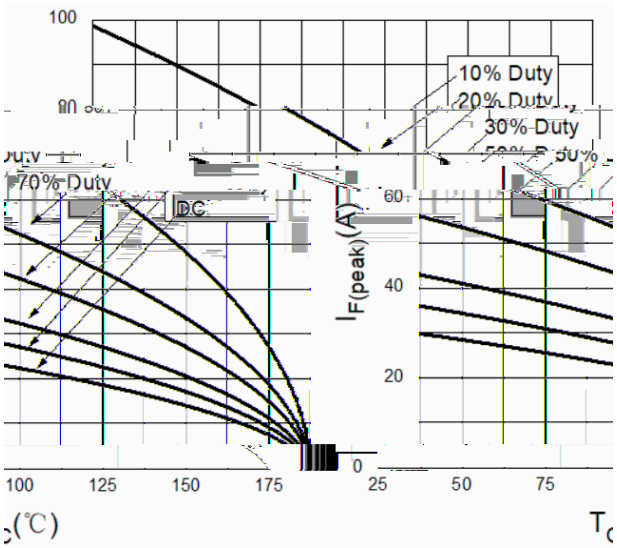
PARAMTETER	SYMBOL	UNIT	TEST CONDITIONS

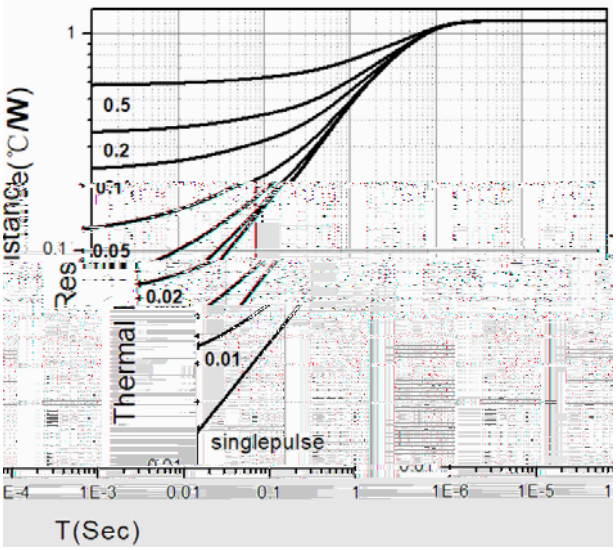

600
500
400
300
200
100
0
C(pF
VR(V)


50
40
30
20
10
0
QC(nC)
400
500
600
700
0
100
200
300

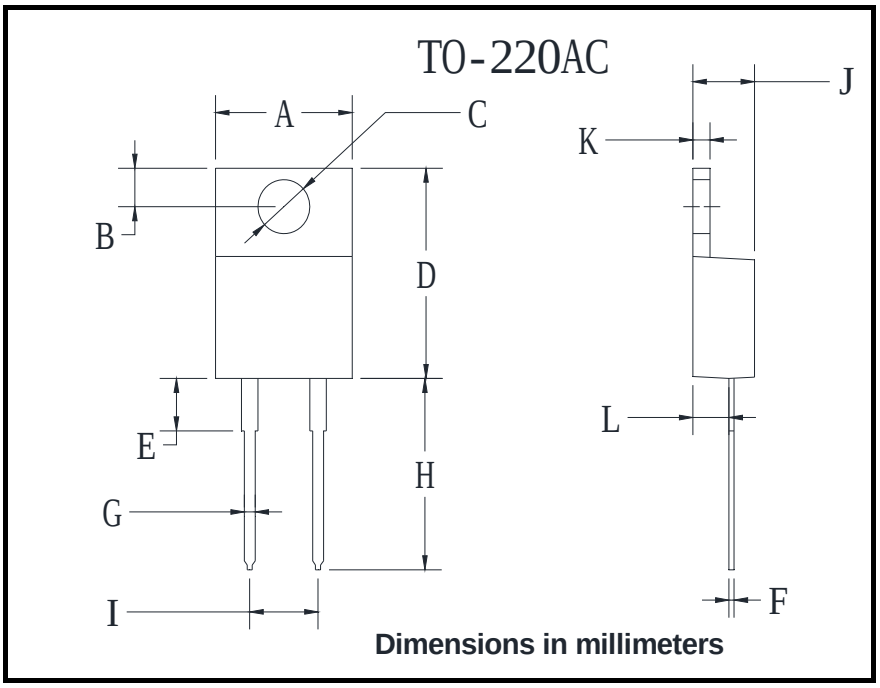

10
8
6
4
2
0
EC(uJ)
0
100
200
300
400
500
600
700


150
120
90
60
30
0
Ptot(W)


100
80
60
40
20
0
10% Duty
20% Duty
30% Duty
70% Duty
DC
IF(peak)(A)
100
125
150
175
25
50
75


1
0.5
0.2
0.1
0.05
0.02
0.01
singlepulse
Thermal
Res
0.1
1E-4
1E-3
0.01
0.1
1
1E-6
1E-5
T(Sec)

Outline Dimensions



TO-220AC		

Disclaimer