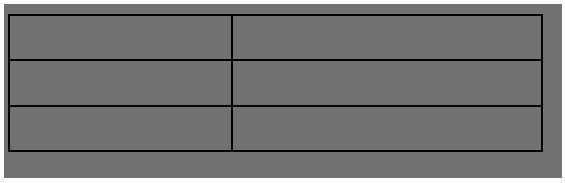
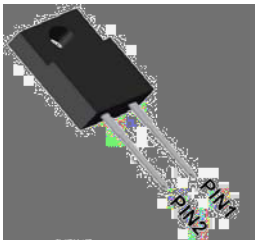
Silicon Carbide Schottky Diode



Features



Typical Applications



Mechanical Data

Package

Terminals

Polarity

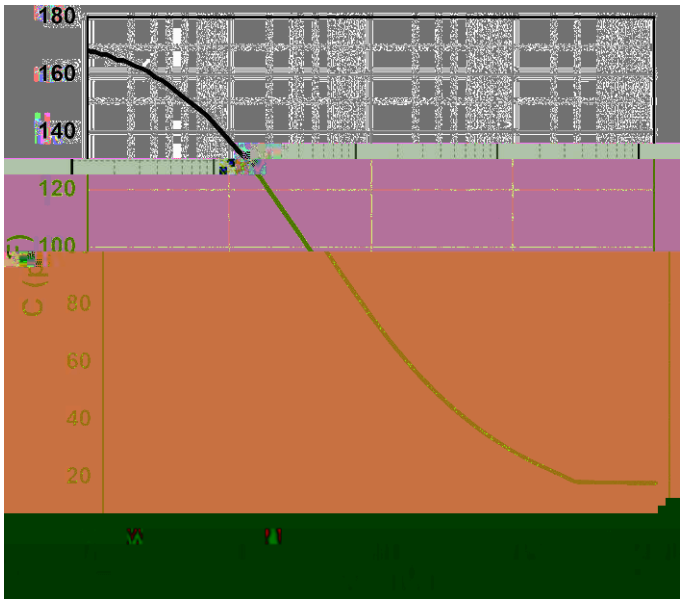
Maximum Ratings

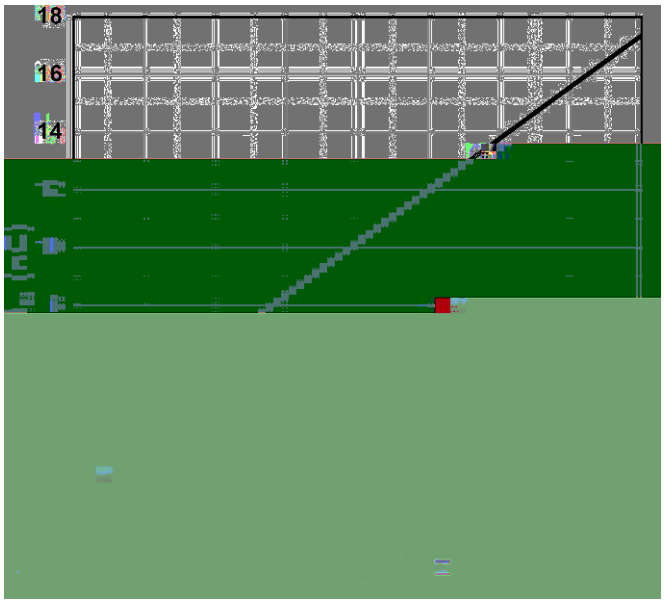
PARAMTETER	SYMBOL	UNIT	VALUE

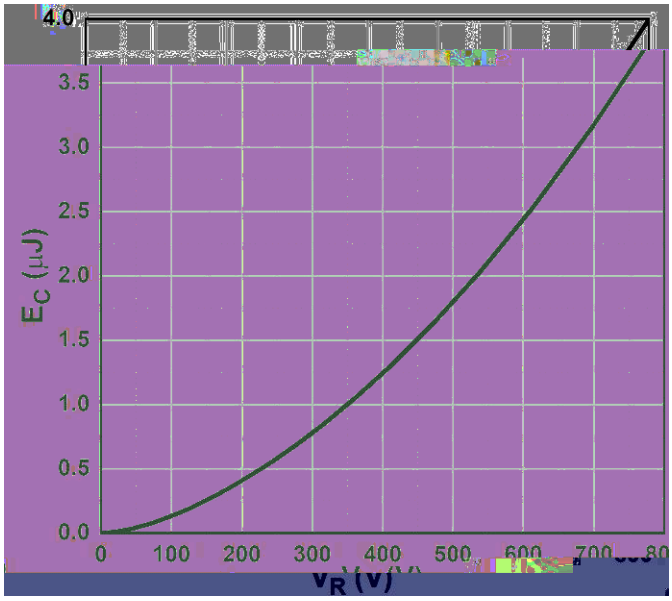
Electrical Characteristics

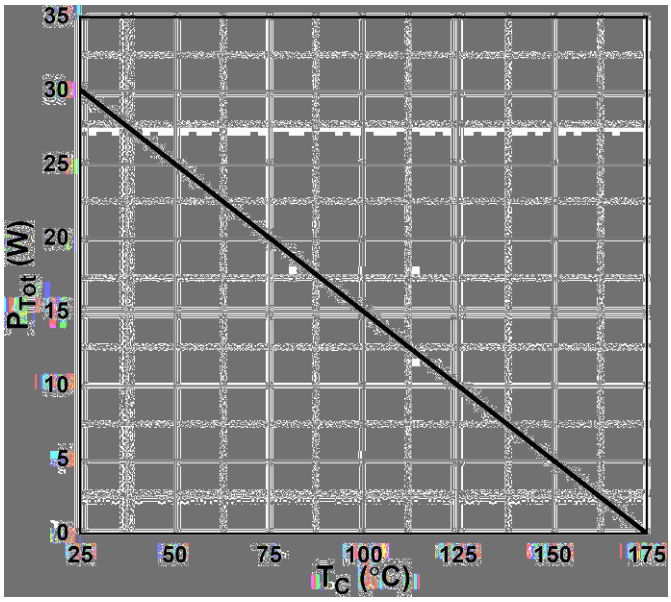
PARAMTETER	SYMBOL	UNIT	TEST CONDITIONS	Typ.	Max.

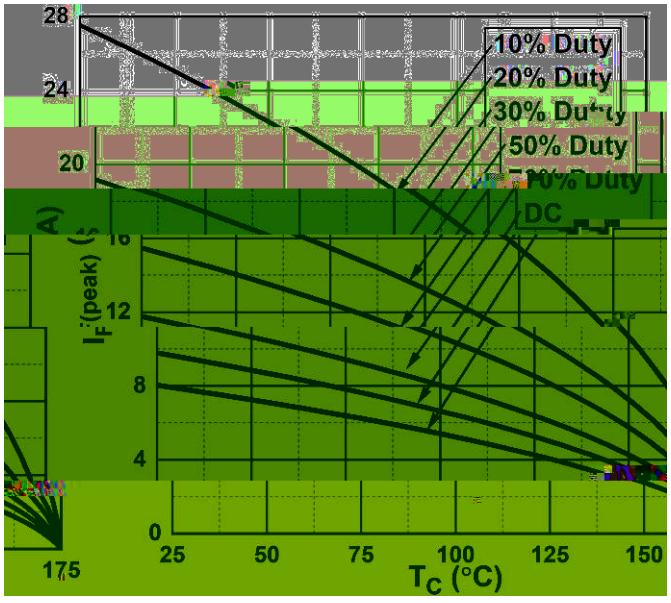
Thermal Characteristics

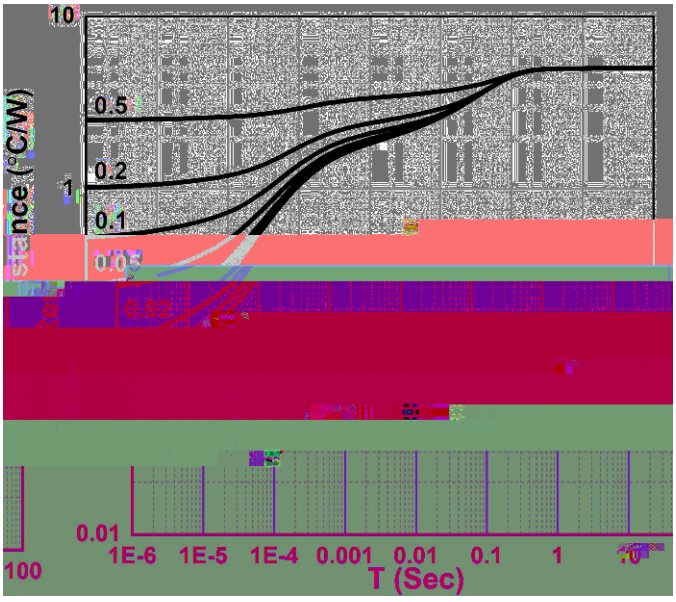

180
160
140
120
100
80
60
40
20


18
16
14

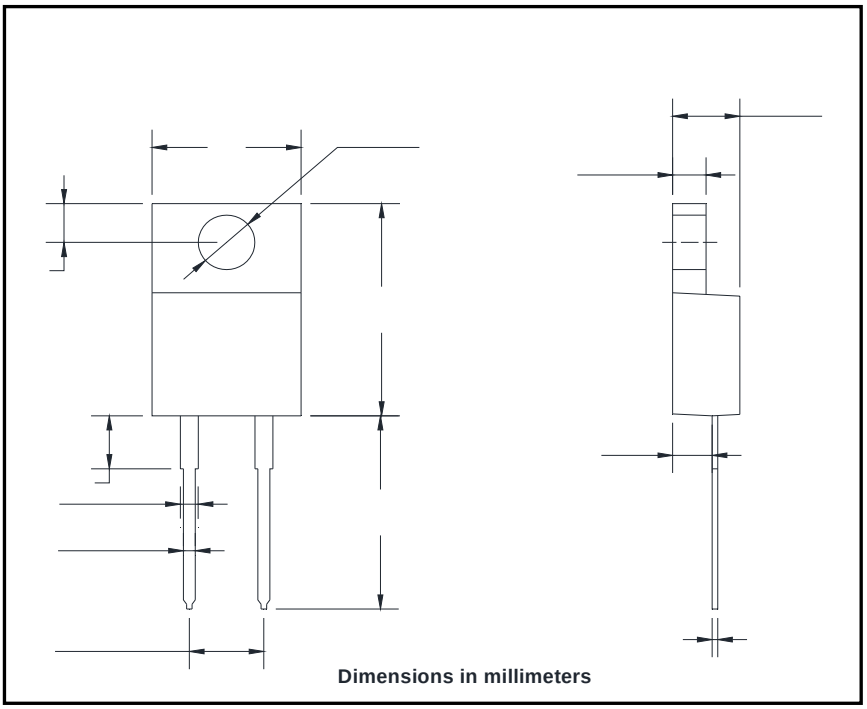

4.0
3.5
3.0
2.5
2.0
1.5
1.0
0.5
0.0
0
100
200
300
400
500
600
700
E_C (µJ)
V_R (V)


35
30
25
20
15
10
5
0
25
50
75
100
125
150
175
P_{Tot} (W)
T_C (°C)


28
24
20
16
12
8
4
0
25
50
75
100
125
150
175
10% Duty
20% Duty
30% Duty
50% Duty
DC
I_F (peak) (A)
T_C (°C)


10
1
0.5
0.2
0.1
0.01
1E-6
1E-5
1E-4
0.001
0.01
0.1
1
100
T (Sec)

Outline Dimensions



ITO-220AC		
Dim	Min	Max

Disclaimer