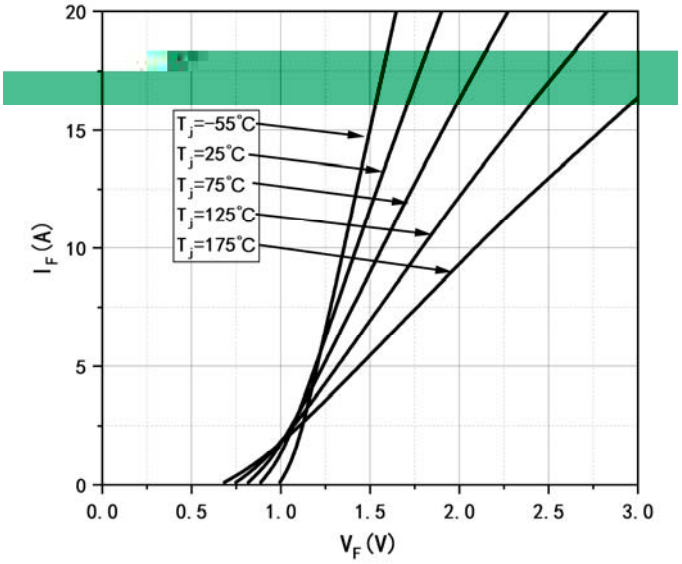
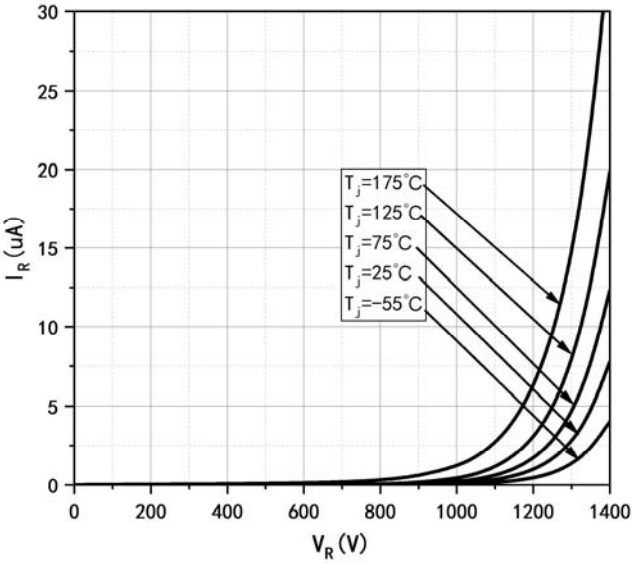
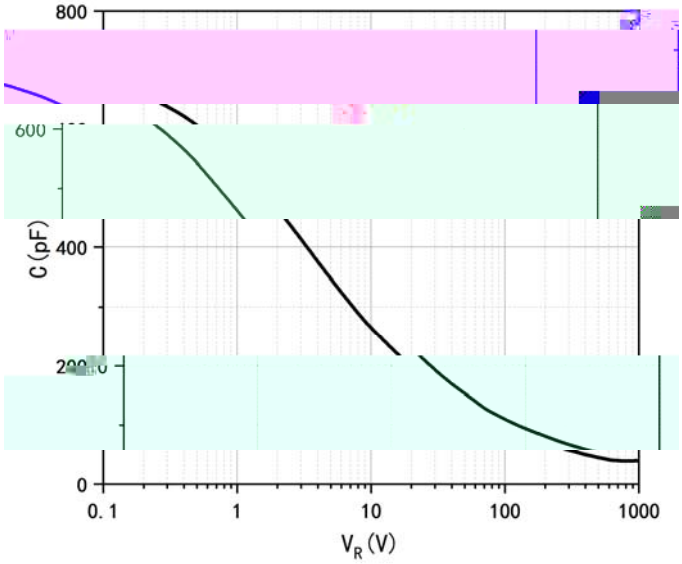
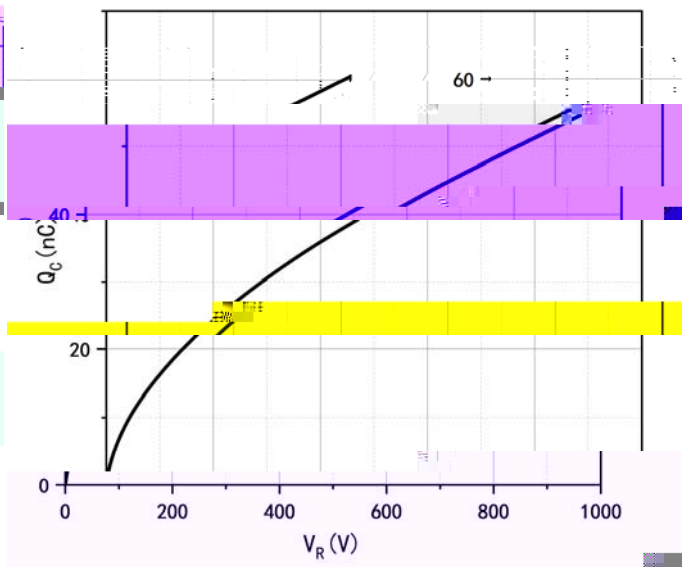
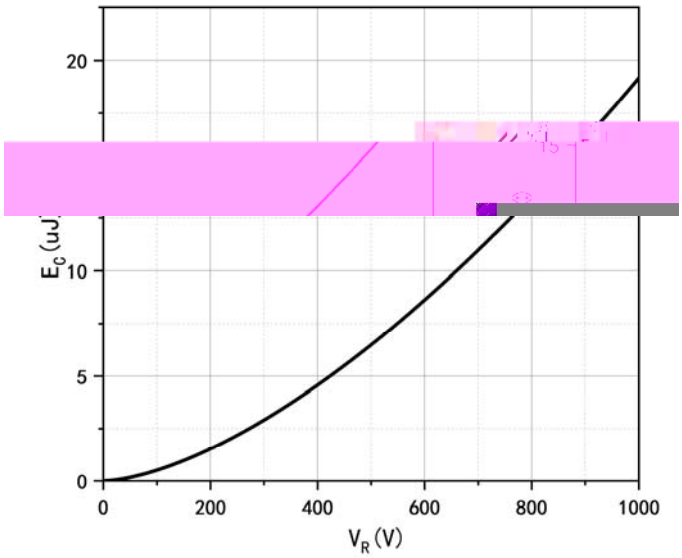
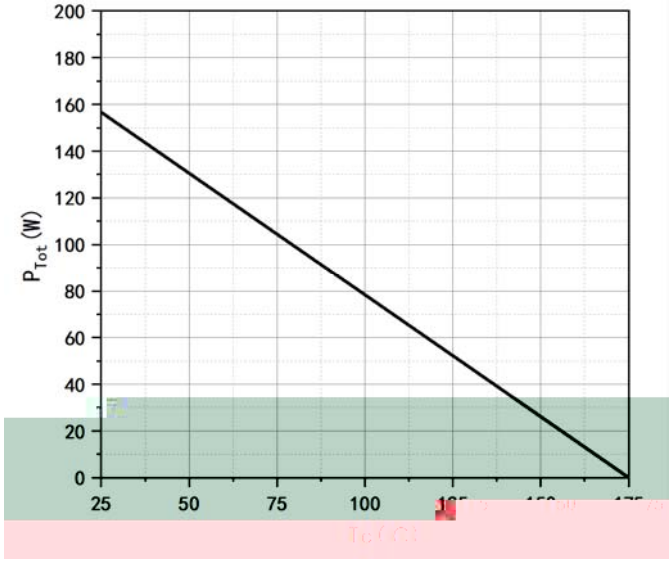

T_j=-55°C
T_j=25°C
T_j=75°C
T_j=125°C
T_j=175°C
I_F (A)
V_F (V)
0
5
10
15
20
0.0
0.5
1.0
1.5
2.0
2.5
3.0

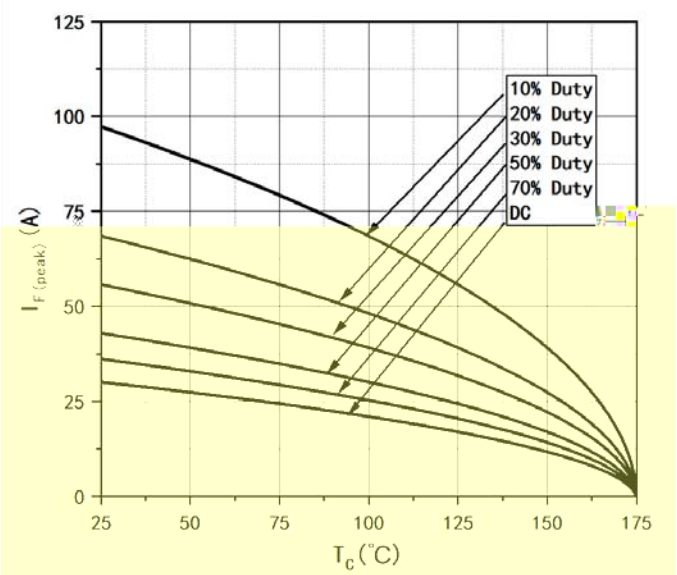

T_j=175°C
T_j=125°C
T_j=75°C
T_j=25°C
T_j=-55°C
I_R (uA)
V_R (V)
0
5
10
15
20
25
30
0
200
400
600
800
1000
1200
1400

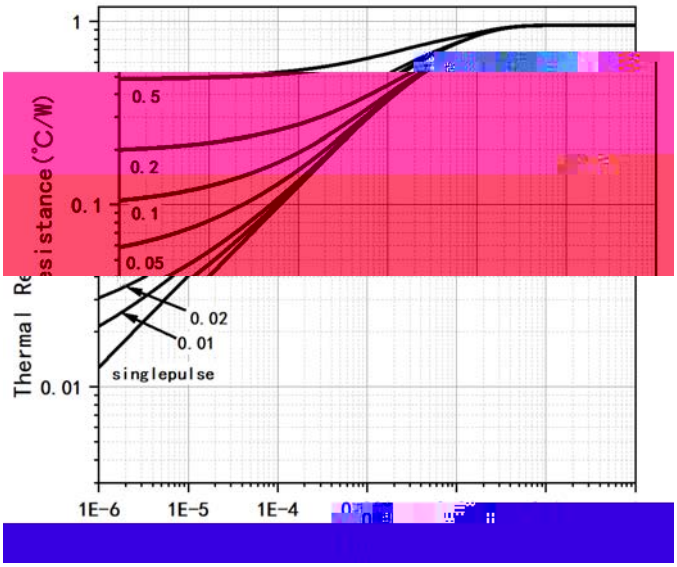

800
600
400
200
0
C (pF)
0.1
1
10
100
1000
V_R (V)

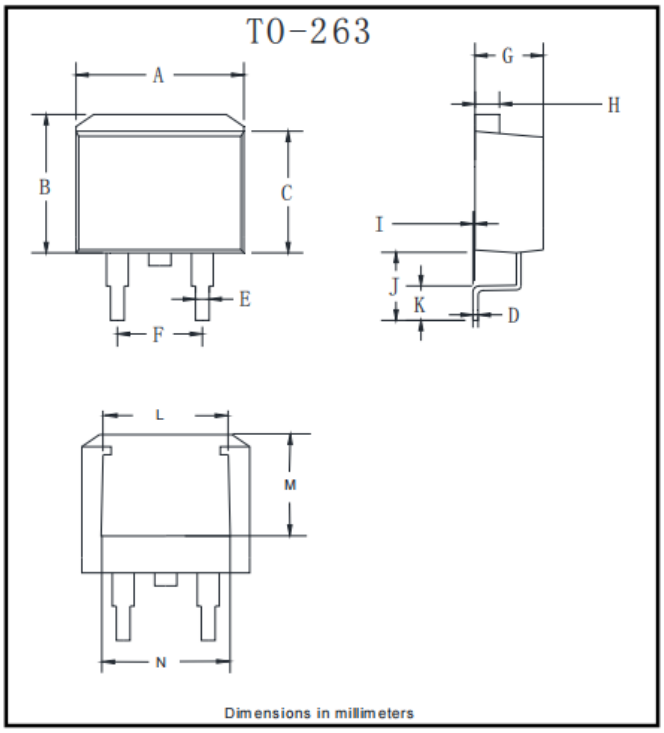

60
40
20
0
Q_C (nC)
0
200
400
600
800
1000
V_R (V)


20
10
5
0
E_C (uJ)
0
200
400
600
800
1000
V_R (V)


200
180
160
140
120
100
80
60
40
20
0
P_{Tot} (W)
25
50
75
100


125
100
75
50
25
0
$I_{F(peak)}$ (A)
10% Duty
20% Duty
30% Duty
50% Duty
70% Duty
DC
25
50
75
100
125
150
175
T_C (°C)


1
0.1
0.01
Thermal Resistance (°C/W)
0.5
0.2
0.1
0.05
0.02
0.01
singlepulse
1E-6
1E-5
1E-4



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Dim	Min	Max
A	9.5	