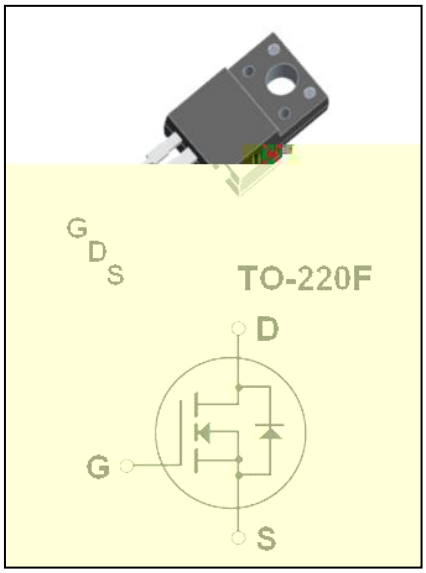
- :
-
-
-
-
-
-
-
-
-


G
D
S
TO-220F
D
G
S

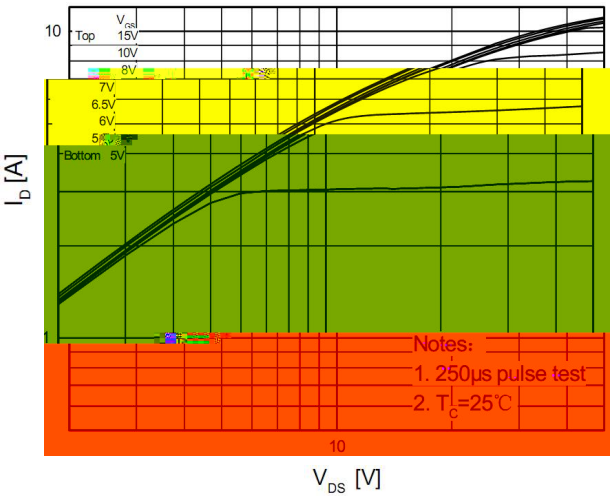
°

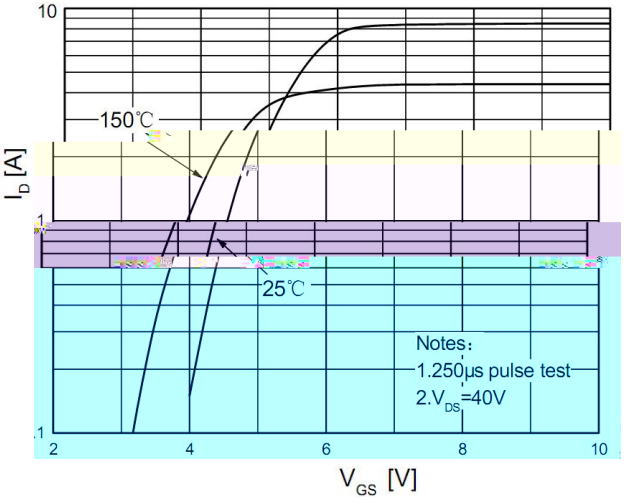
	°		
	°		
		±	
	°)		
			°
			°
			°

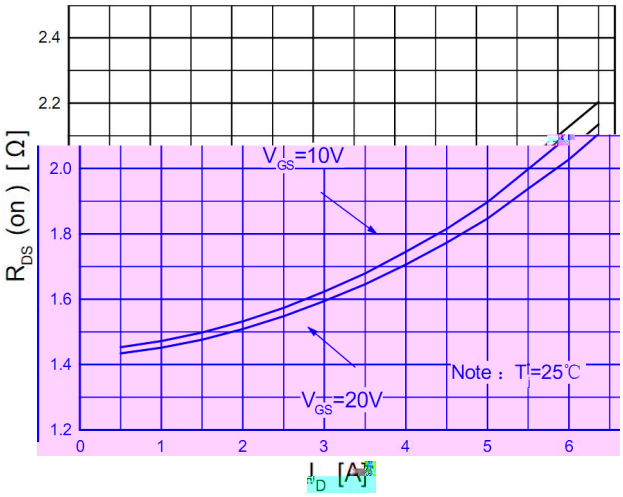
			°
			°

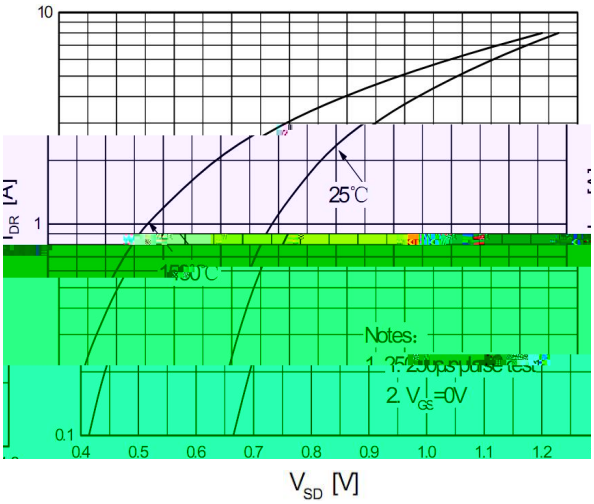
。

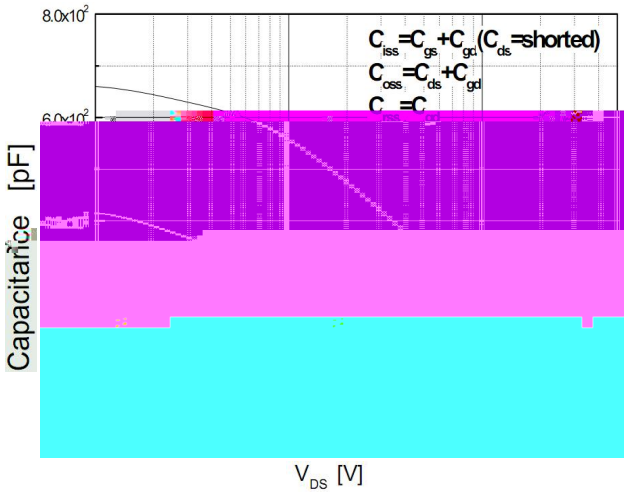
△ △		。				。
		。				

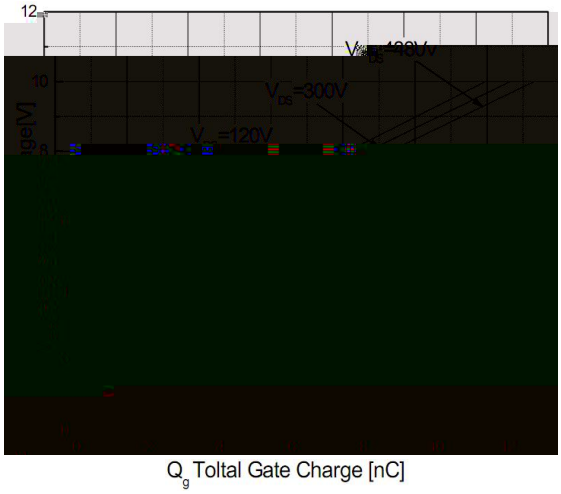

Top
15V
10V
8V
7V
6.5V
6V
5V
Bottom 5V
Notes:
1. 250μs pulse test
2. T_C=25℃
I_D [A]
V_DS [V]

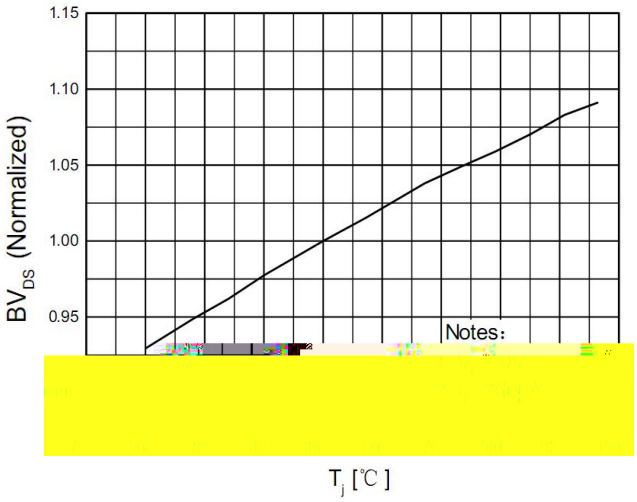

150℃
25℃
Notes:
1.250μs pulse test
2.V_DS=40V
I_D [A]
V_GS [V]

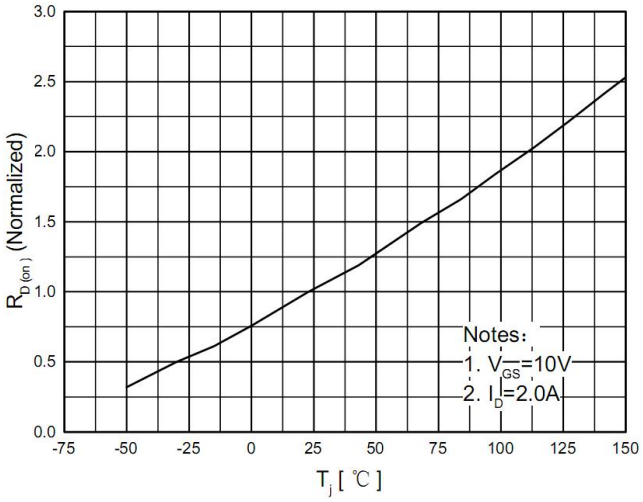

V_GS=10V
V_GS=20V
Note：T=25℃
R_DS (on) [Ω]
I_D [A]

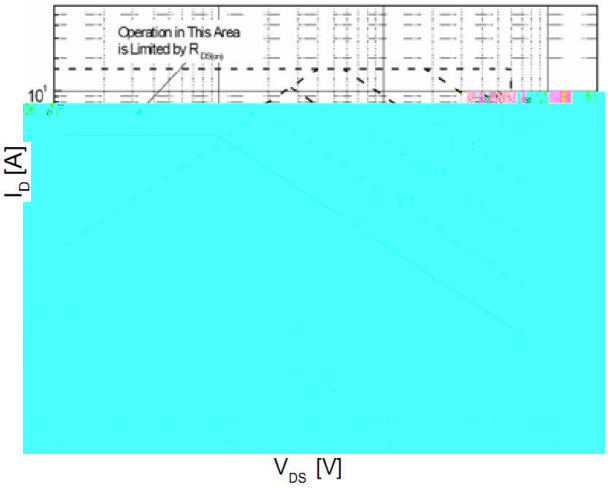

25℃
150℃
Notes:
2. V_GS=0V
I_DR [A]
V_SD [V]

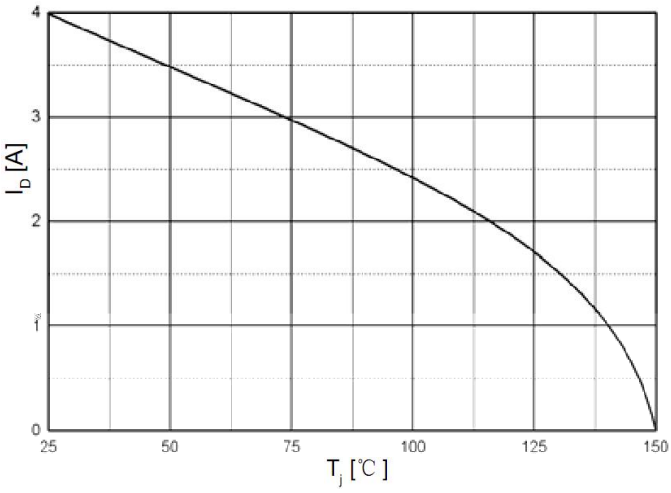

C_iss=C_gs+C_gd (C_ds=shorted)
C_oss=C_ds+C_gd
C_rss=C_gd
Capacitance [pF]
V_DS [V]

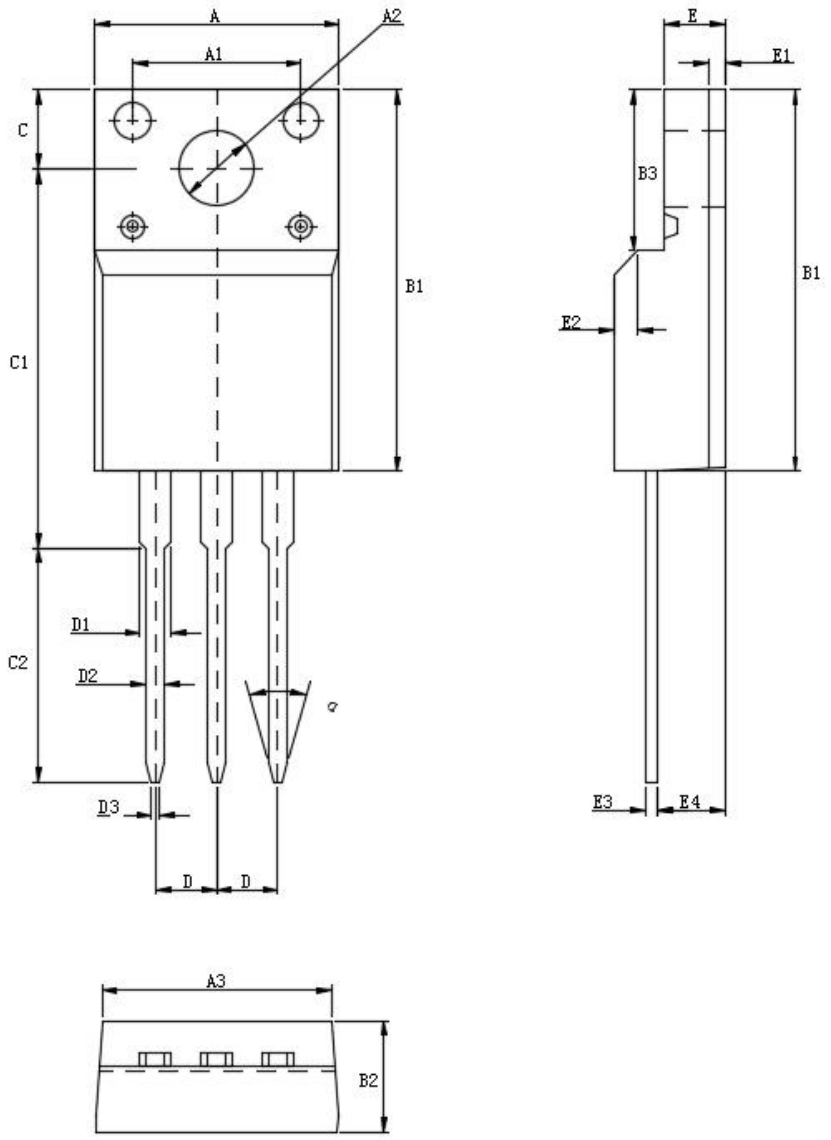

V_DS=300V
V_DS=120V
Q_g Toltal Gate Charge [nC]


1.15
1.10
1.05
1.00
0.95
BVDS (Normalized)
Notes:
Tj [℃]


3.0
2.5
2.0
1.5
1.0
0.5
0.0
RD(on) (Normalized)
Notes:
1. VGS=10V
2. ID=2.0A
-75
-50
-25
0
25
50
75
100
125
150
Tj [℃]


Operation in This Area
is Limited by RDS(on)
10¹
ID [A]
VDS [V]


4
3
2
1
0
ID [A]
25
50
75
100
125
150
Tj [℃]

:

			× °
			5