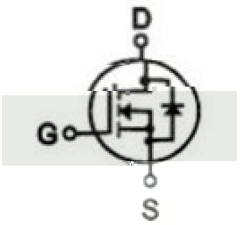
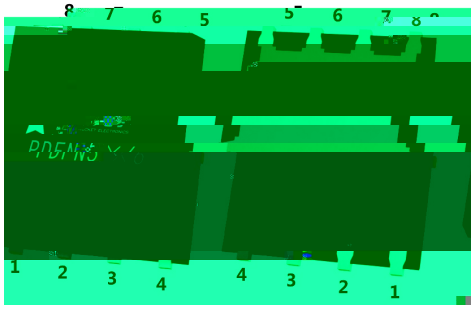
×

×

≤ Ý Ý

≤ Ý Ý



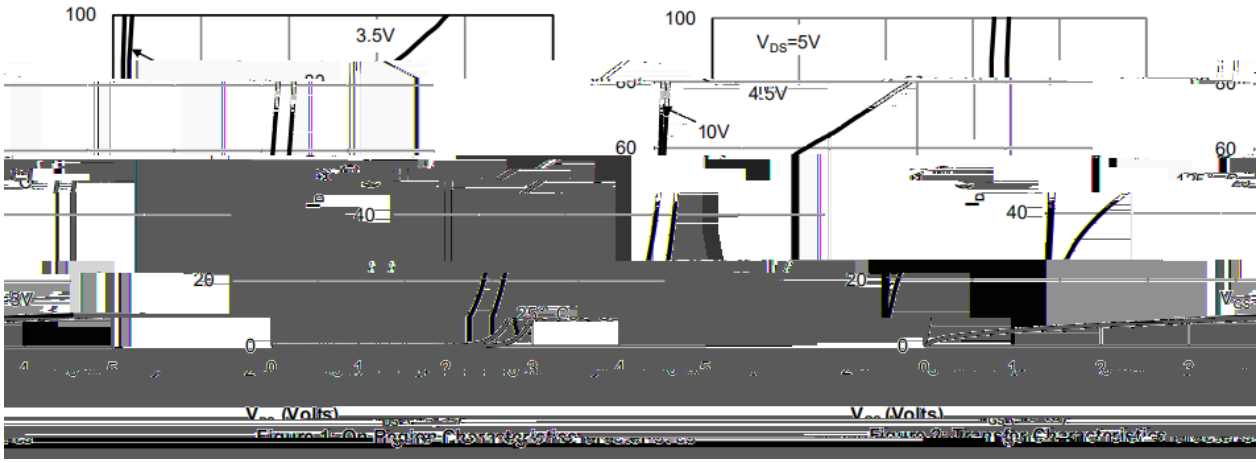


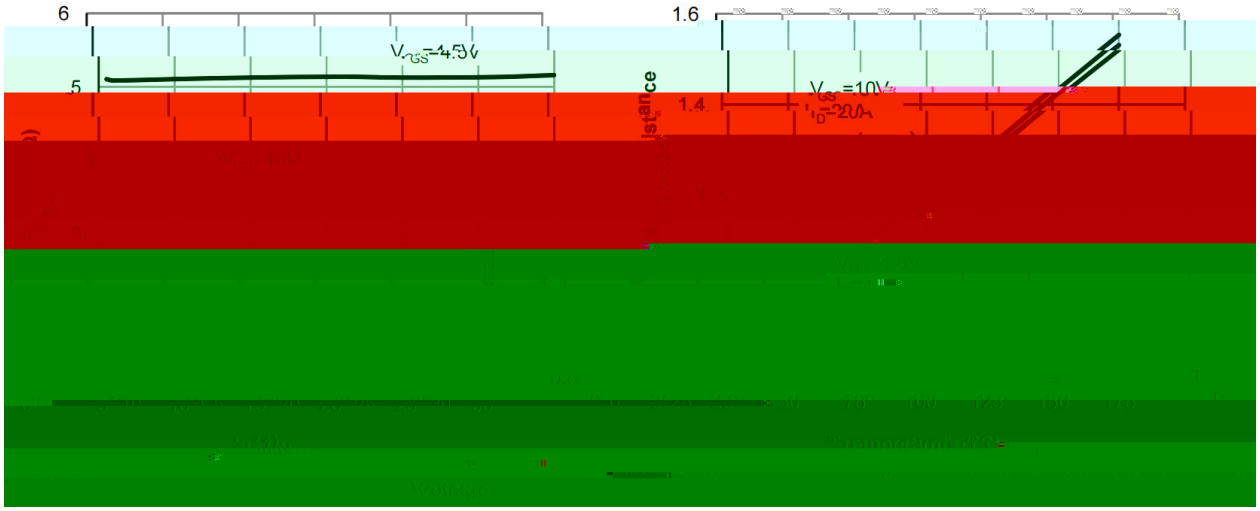
Pin	极性
1	S
2	S
3	S
4	G
5	D
6	D
[illegible]	[illegible]
[illegible]	[illegible]

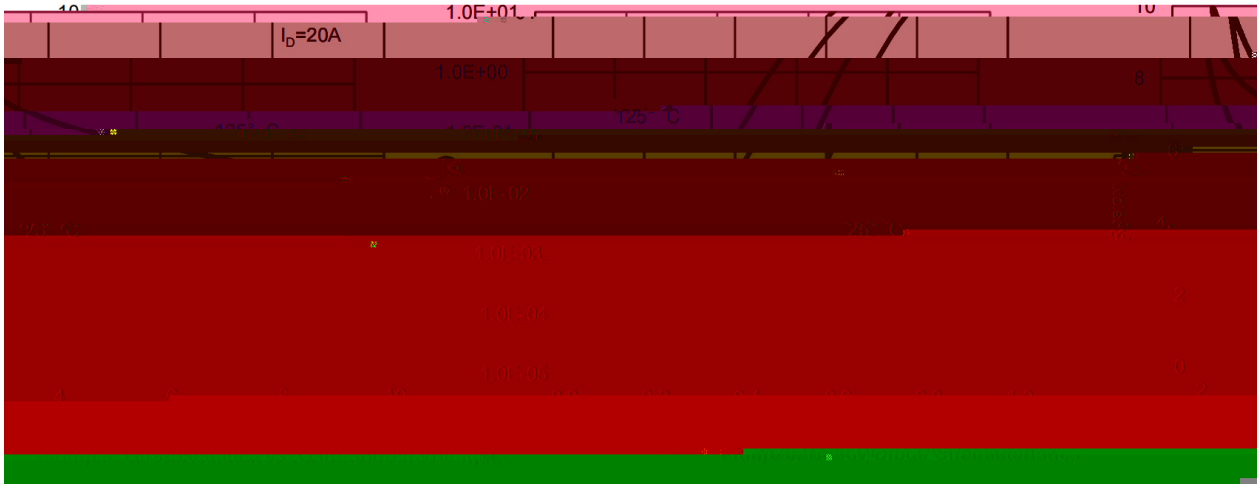
			±	
	≤	θ		
		θ		

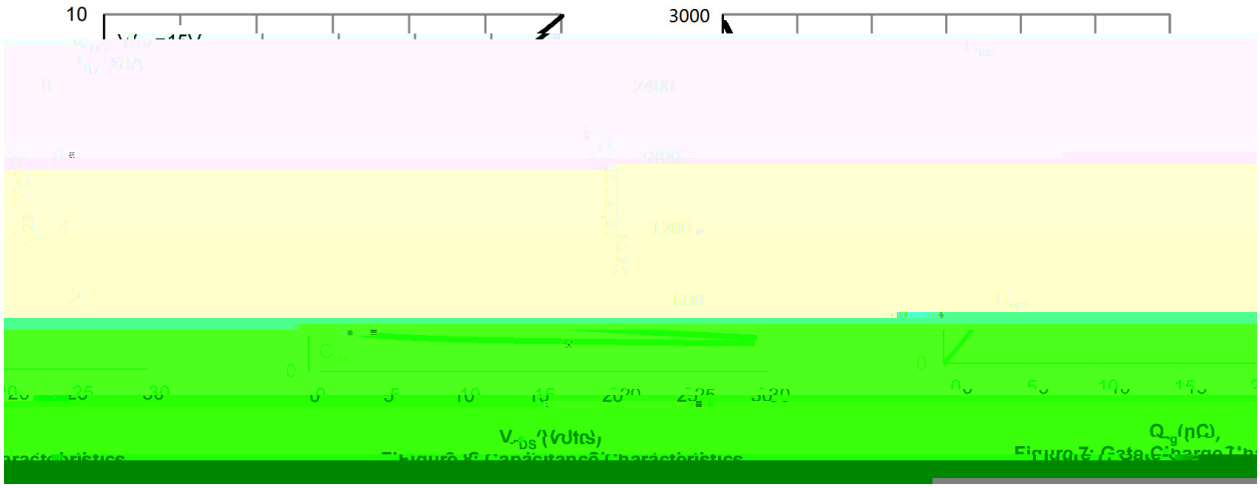
					±	
						Ω
						q

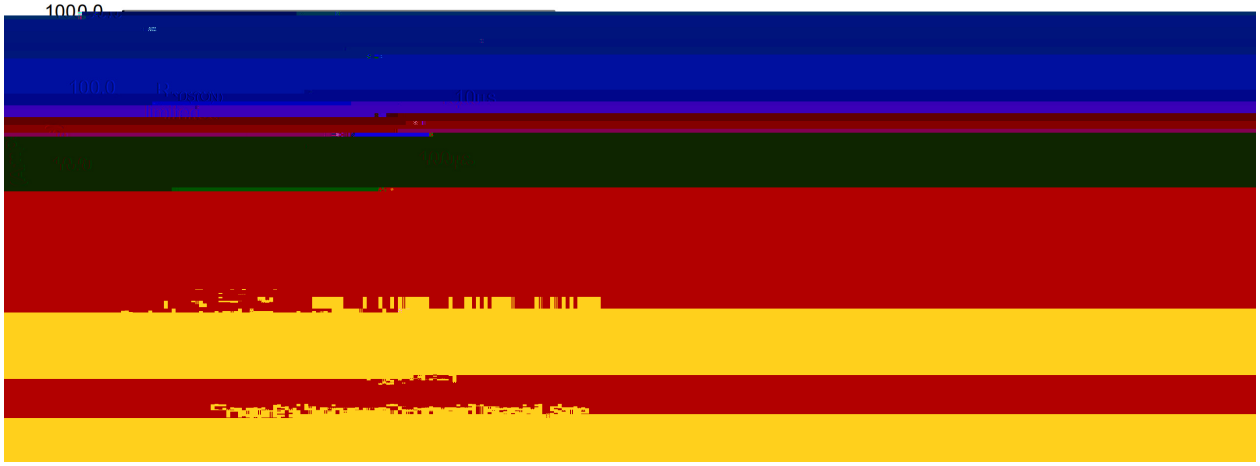
		Ω Ω				

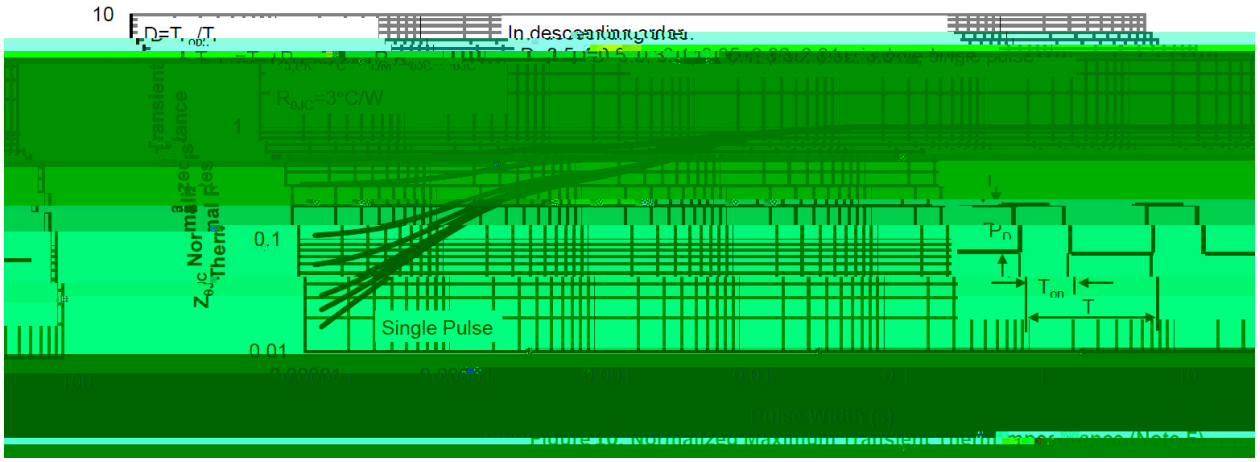

100
3.5V
60
40
20
0
100
V_{DS}=5V
4.5V
10V
60
40
20
0


6
5
1.6
1.4
V_{GS}=10V
I_D=20A


I_D=20A
1.0E+01
1.0E+00
125 °C
25 °C

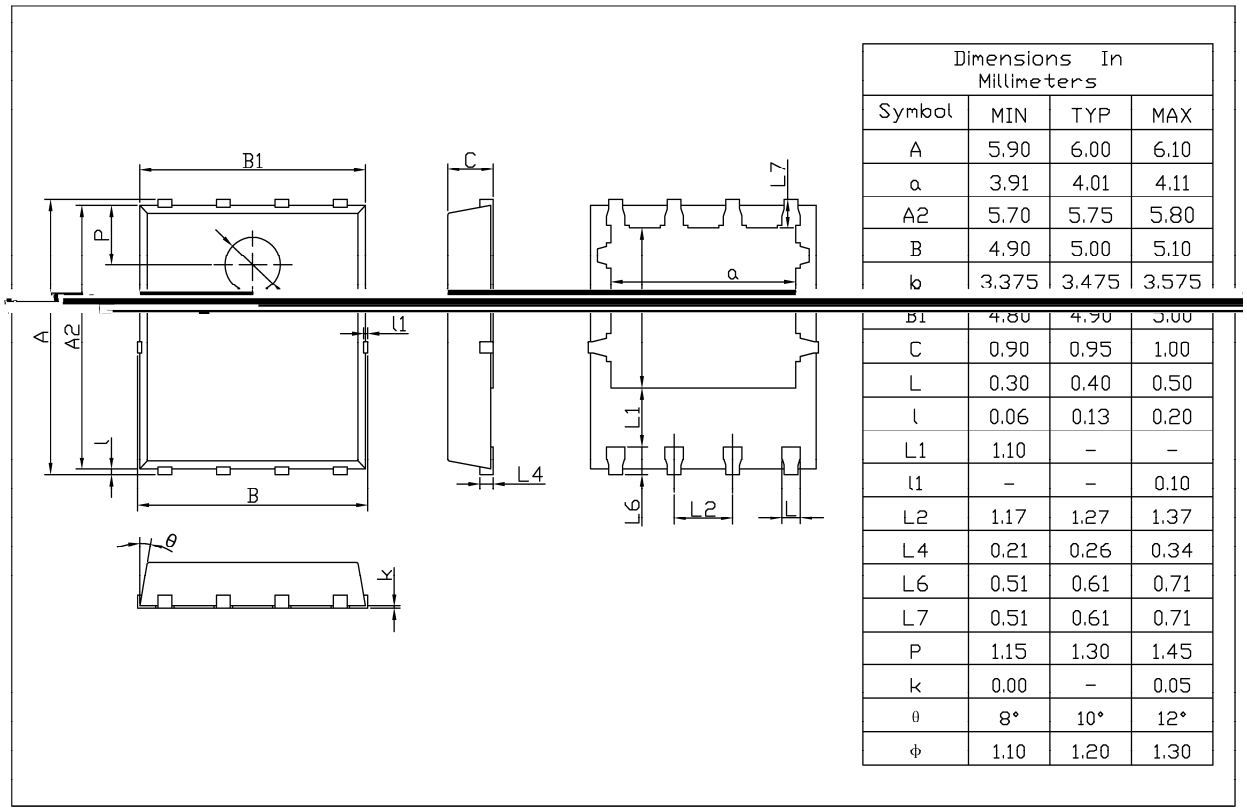

10
3000
2400
1200
600
0
0
5
10
15
20
25
30
V_DS (Volts)
Q_g (nC)


1000.0
100.0


10
D=T_on/T
In descending order
R_θJC=3°C/W
1
0.1
0.01
Single Pulse
T_on
T

PDFN5X6

Unit:mm



Dimensions In Millimeters			
Symbol	MIN	TYP	MAX
A	5.90	6.00	6.10
a	3.91	4.01	4.11
A2	5.70	5.75	5.80
B	4.90	5.00	5.10
b	3.375	3.475	3.575
B1	4.80	4.90	5.00
C	0.90	0.95	1.00
L	0.30	0.40	0.50
l	0.06	0.13	0.20
L1	1.10	–	–
l1	–	–	0.10
L2	1.17	1.27	1.37
L4	0.21	0.26	0.34
L6	0.51	0.61	0.71
L7	0.51	0.61	0.71
P	1.15	1.30	1.45
k	0.00	–	0.05
θ	8°	10°	12°
Φ	1.10	1.20	1.30

Rev.02 202510

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