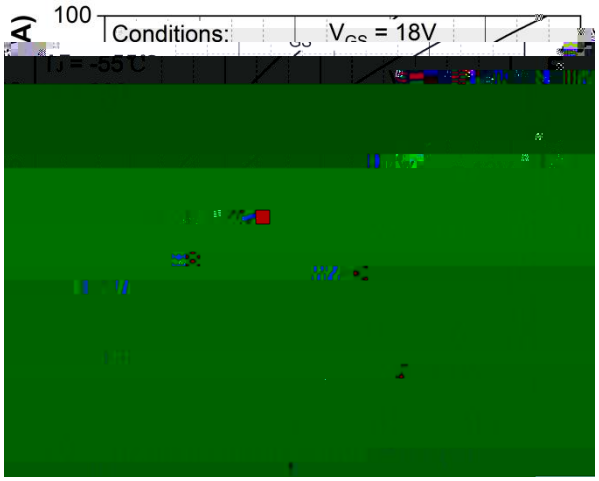
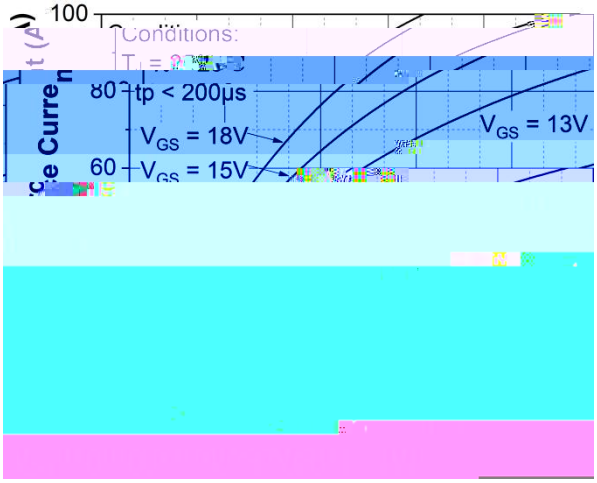
-
-
-
-

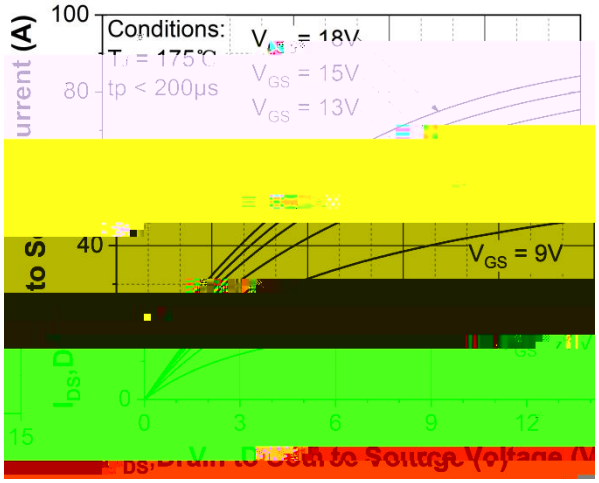

F
Cl
Halogen-Free
Br
I

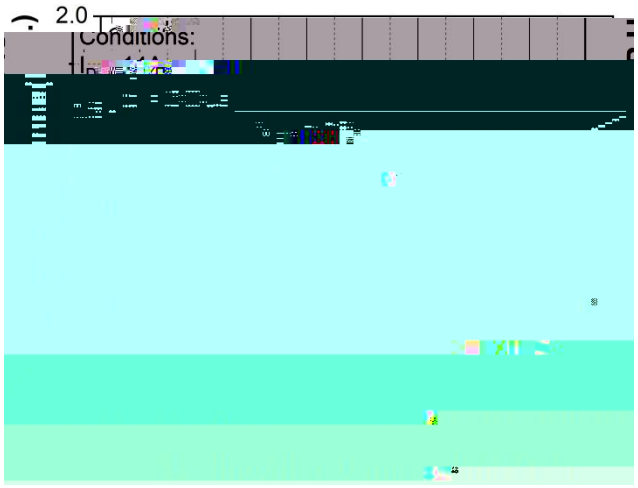
Â Â Â Â Â Â Â Â Â Â Â

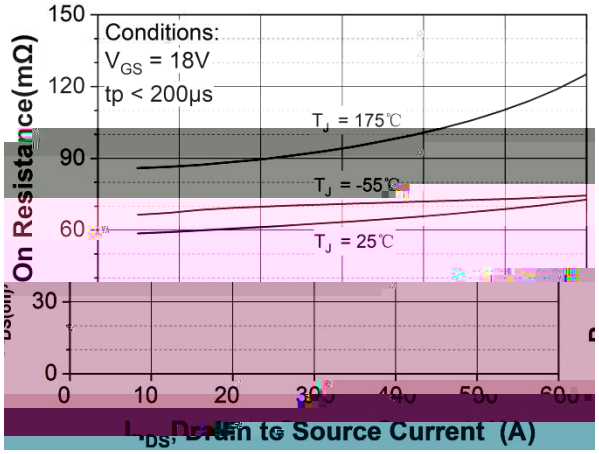
≤

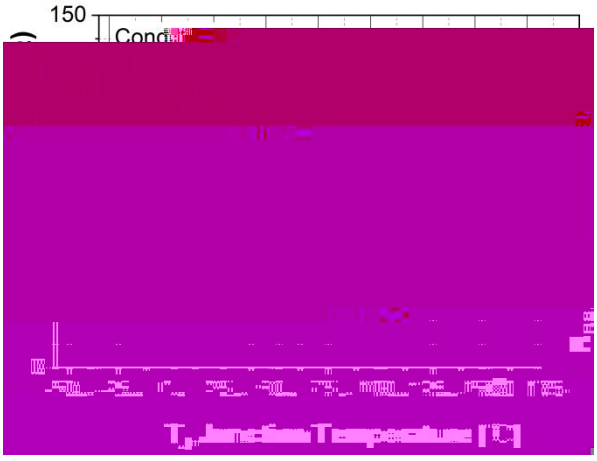

100
Conditions:
V_{GS} = 18V


100
80
60
tp < 200μs
V_{GS} = 18V
V_{GS} = 15V
V_{GS} = 13V


100
80
40
0
tp < 200μs
V_{GS} = 15V
V_{GS} = 13V
V_{GS} = 9V
0
3
6
9
12
15


2.0
Conditions:

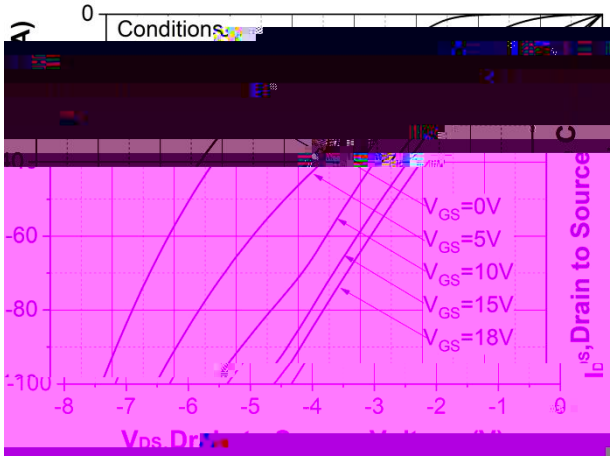

150
120
90
60
30
0
Conditions:
V_{GS} = 18V
tp < 200μs
T_J = 175℃
T_J = -55℃
T_J = 25℃
On Resistance(mΩ)
0
10
20
30
40
50
60
I_{DS}, Drain to Source Current (A)

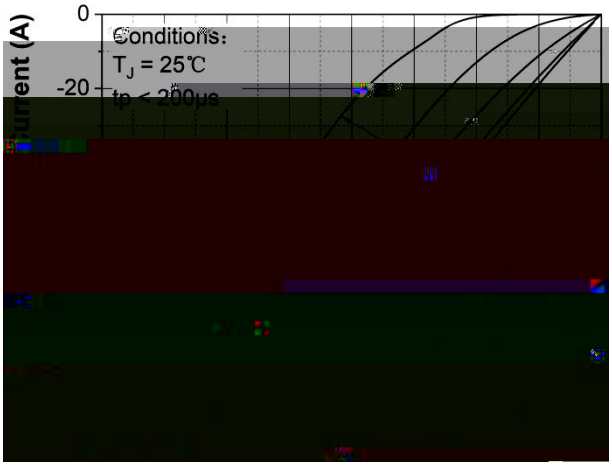

150

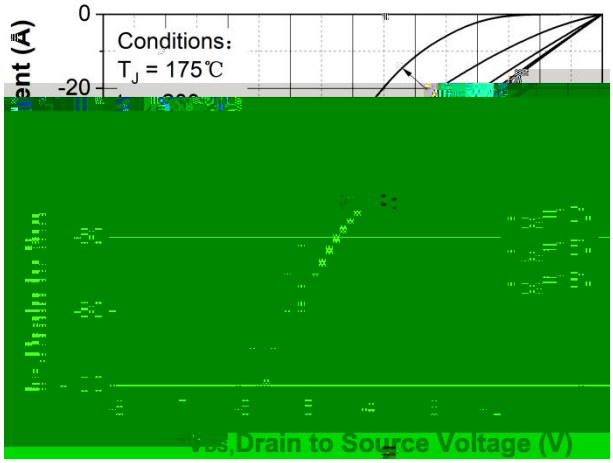
E

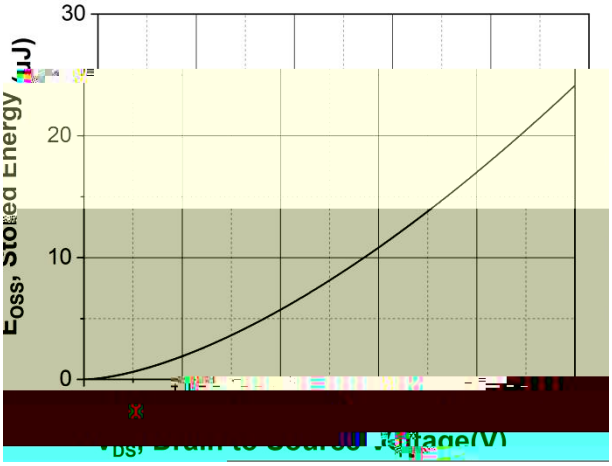
•PR F

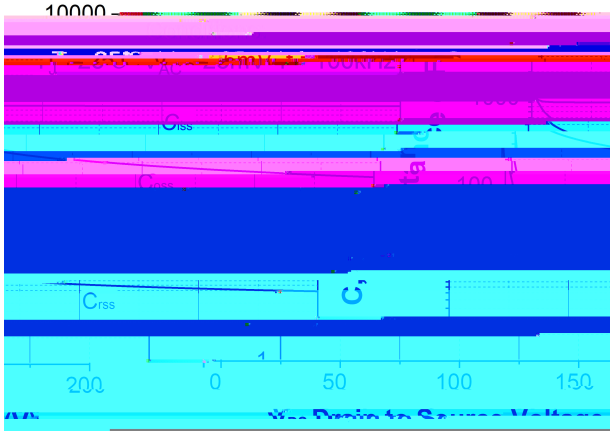
F

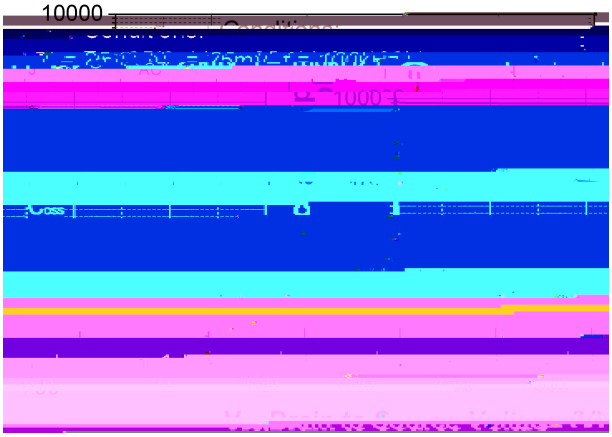

Conditions:
V_{GS}=0V
V_{GS}=5V
V_{GS}=10V
V_{GS}=15V
V_{GS}=18V
I_S,Drain to Source

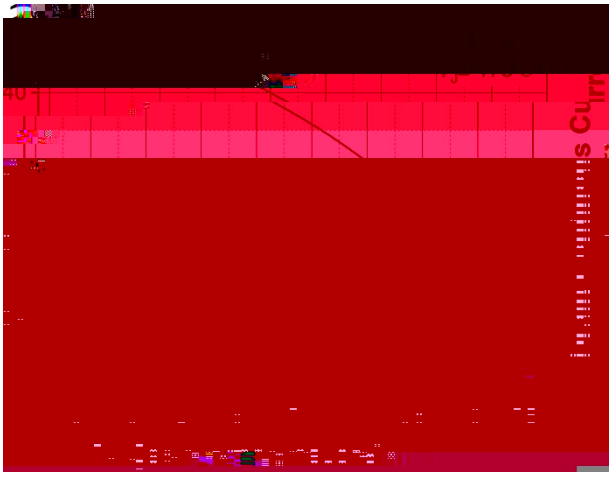

Conditions:
T_J = 25℃
t_p < 200μs

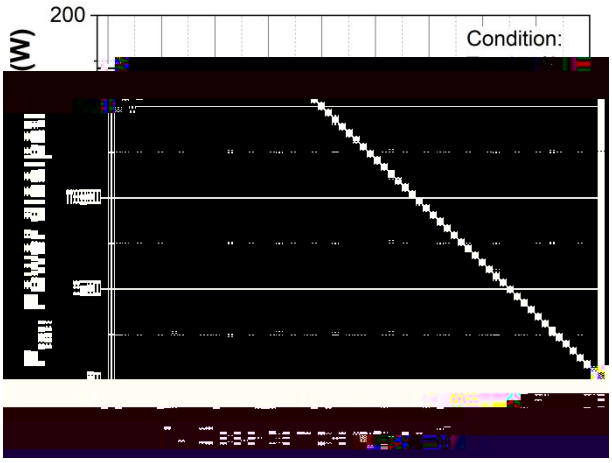

Conditions:
T_J = 175℃
V_{DS},Drain to Source Voltage (V)

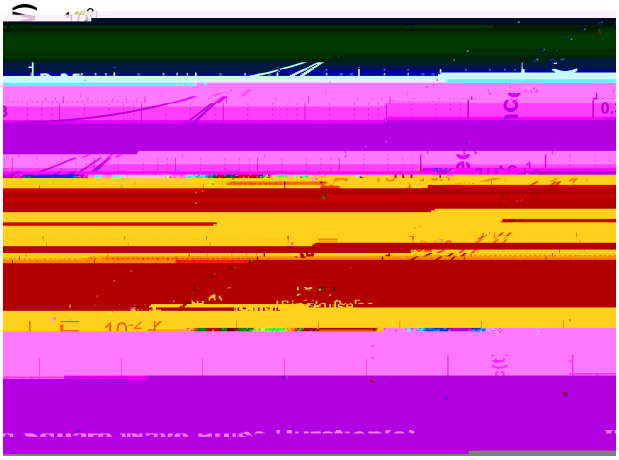

Eoss, Stored Energy (μJ)

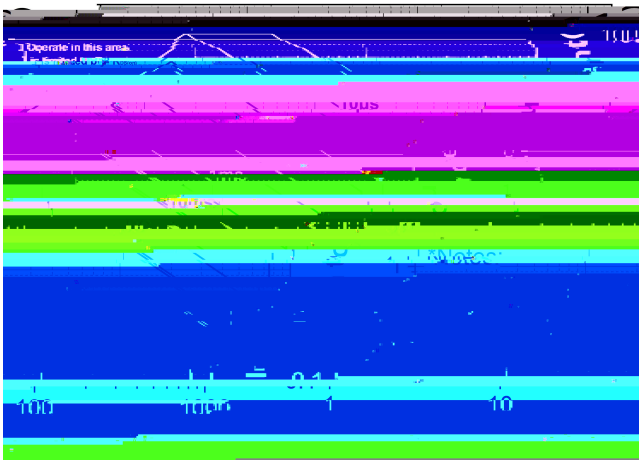

C_{oss}
C_{rss}

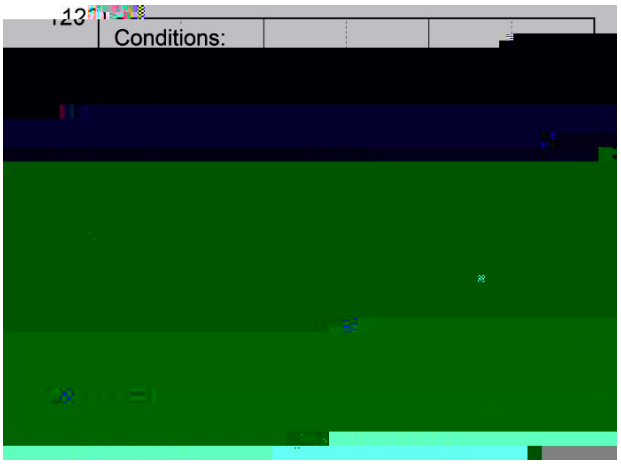

C_{oss}

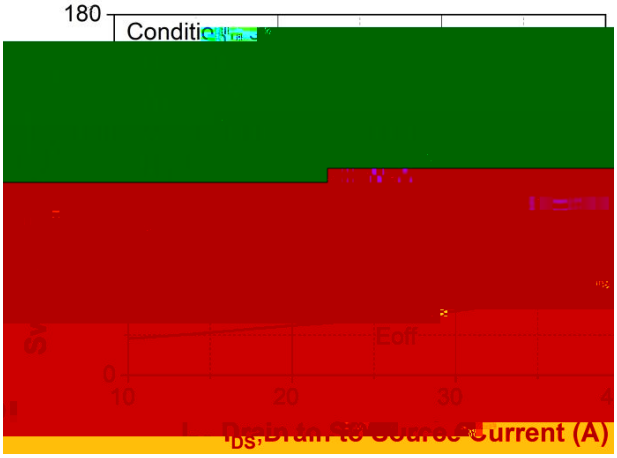


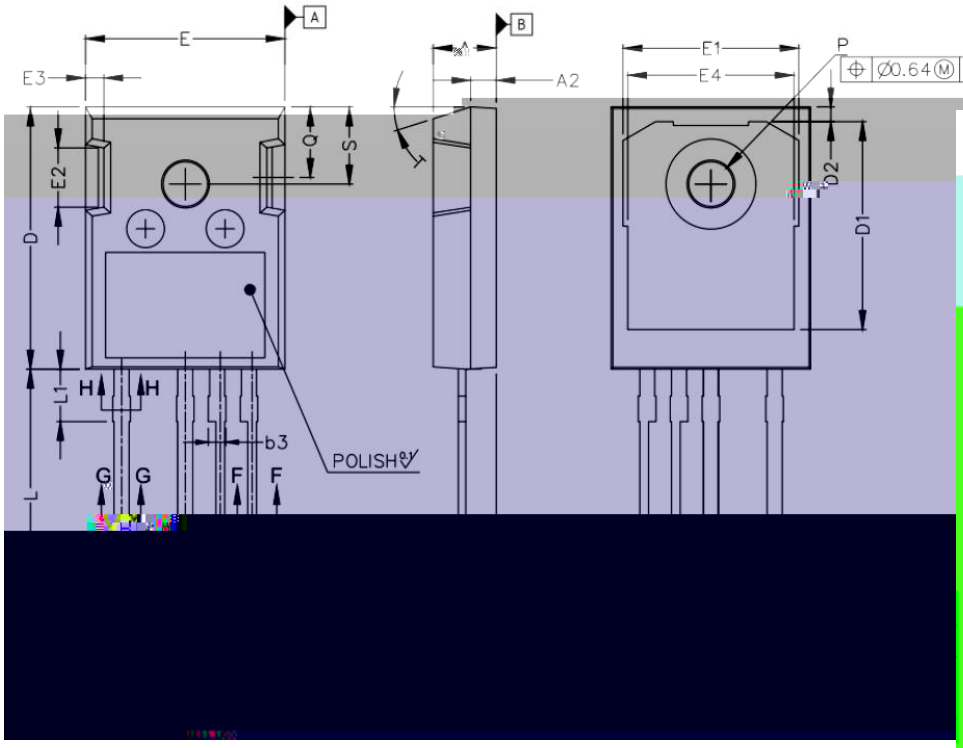

200
Condition:
(W)



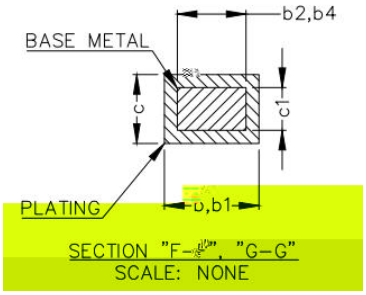

Operate in this area

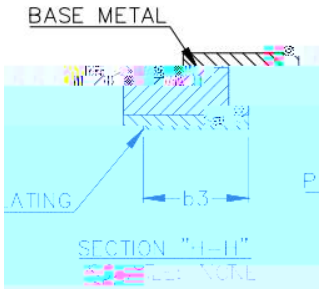

Conditions:

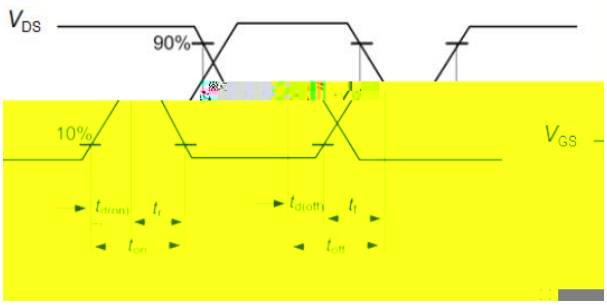

180
Eoff
0
10
20
30
Current (A)

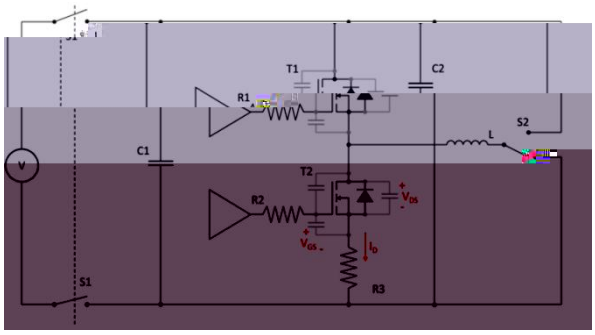


SYM.	MILLIMETERS MIN	MAX
A	4.83	5.21
A1	2.29	2.54
A2	1.90	2.16
b	1.10	1.30
b1	0.65	0.80
b2	1.10	1.25
b3	1.34	1.44
b4	0.65	0.80
c	0.55	0.68
c1	0.55	0.65
D	20.80	21.10
D1	16.15	17.65
D2	0.95	1.35
E	15.70	16.13
E1	13.10	14.15
E2	4.32	5.10
E3	1.00	2.60
E4	12.30	12.50
e1	5.08 BSC	
e2	2.79 BSC	
e3	2.54 BSC	






V_{DS}
90%
10%
V_{GS}
$t_{d(on)}$
t_r
t_{on}
$t_{d(off)}$
t_f
t_{off}


T1
C2
R1
S2
L
C1
V
T2
R2
V_{GS}
I_D
R3
S1

	——	——
	——	——
	——	——