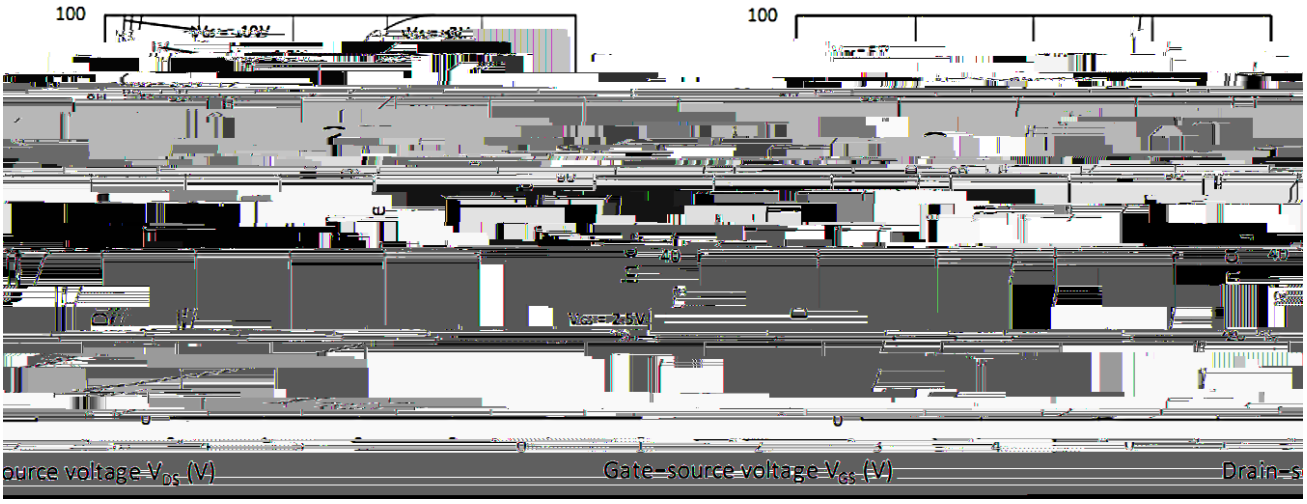
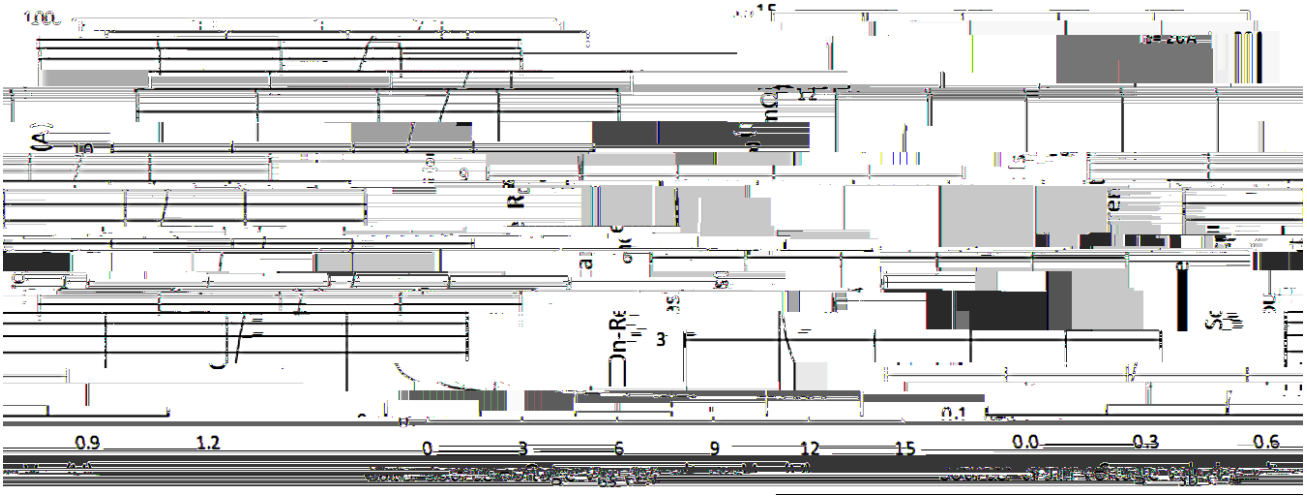
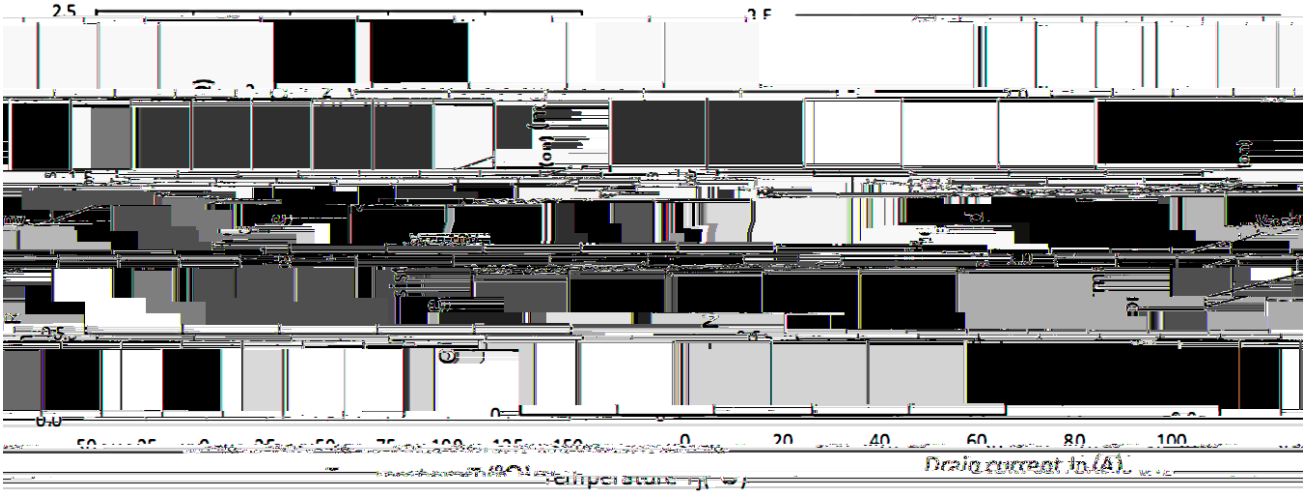
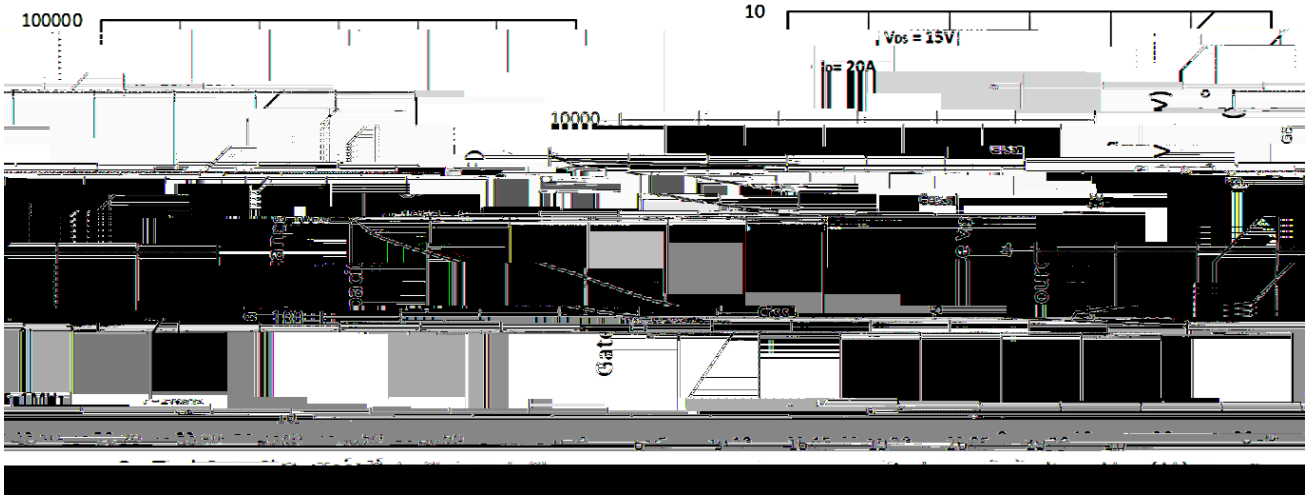
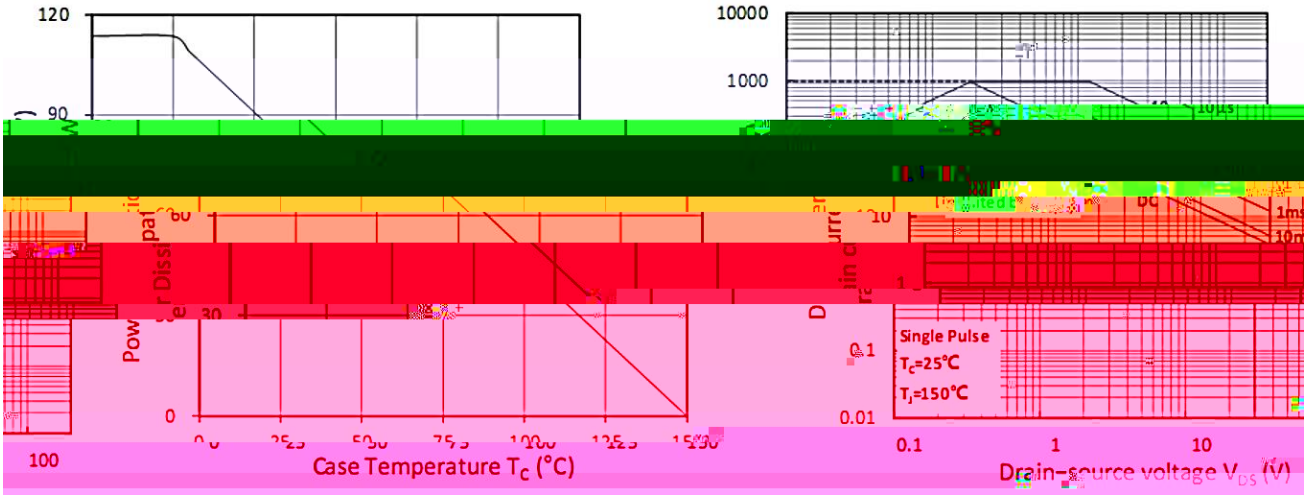
℃

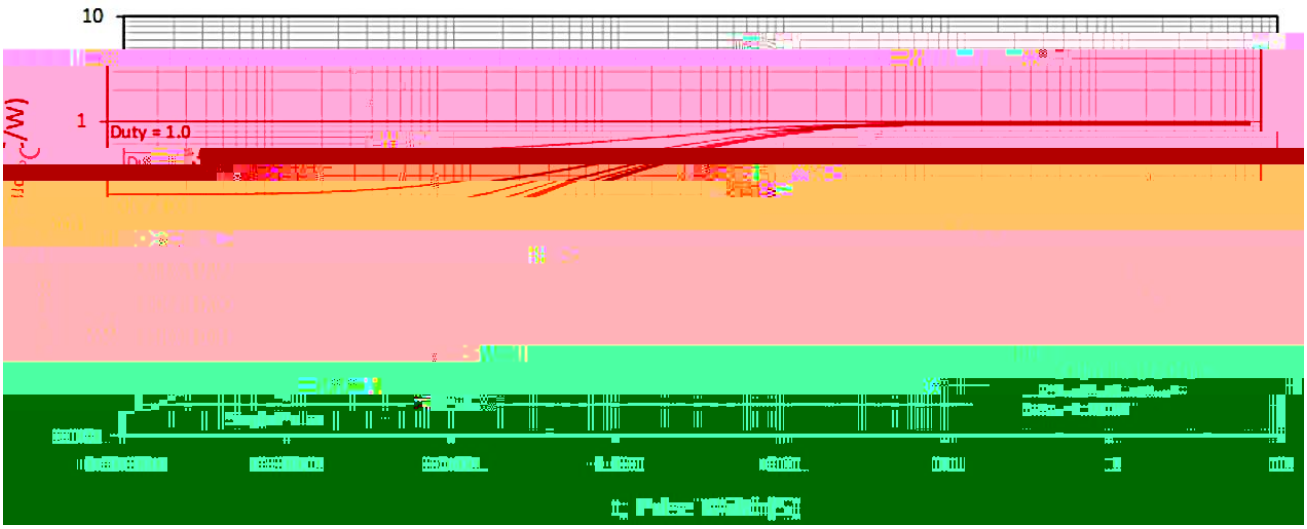

100
100
ource voltage V_{DS} (V)
Gate–source voltage V_{GS} (V)
Drain–s


100
0.9
1.2
0
3
6
9
12
15
0.0
0.3
0.6


2.5
0.5
0.0
50
25
0
25
50
75
100
125
150
0
20
40
60
80
100
Drain current In (A)


100000
10000
10
Vds = 15V
Id= 20A


120
90
60
30
0
100
Case Temperature T_C (°C)
10000
1000
100
10
1
0.1
0.01
Single Pulse
T_c=25°C
T_j=150°C
0.1
1
10
Drain-source voltage V_{DS} (V)


10
1
Duty = 1.0



Symbol	Dim in mm		
	Min	Typ	Max
A	0.9	1.05	1.2
b	0.3	0.4	0.5
C	0.2	0.25	0.35
D	4.9	5.05	5.2
D1	3.72	3.82	4.12
E	5.9	6.1	6.3
E1	3.3	3.5	3.7
E2	5.6	5.75	5.9
e	1.27BSC		
H	0.48	0.58	0.7
K	1.14	1.27	1.4
L	0.54	0.74	0.84
L1/L2	0.1	0.2	0.3
	8°	10°	12°
M	0.08REF		
N	0		0.15
P	1.28REF		

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