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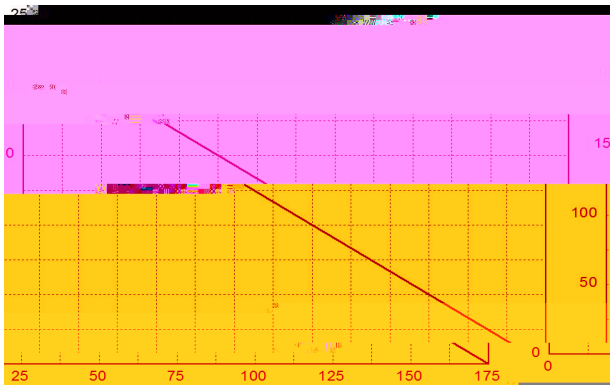
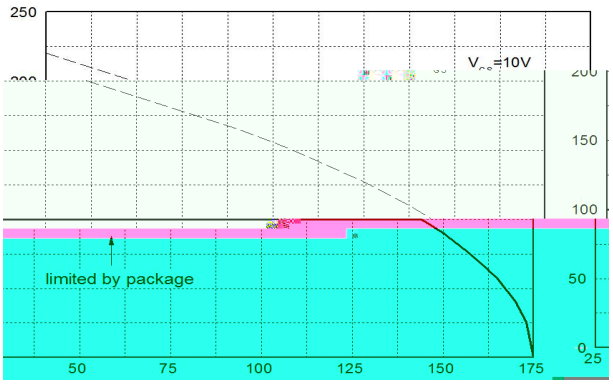
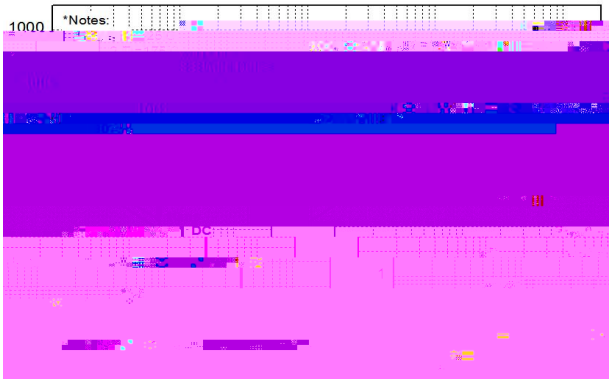
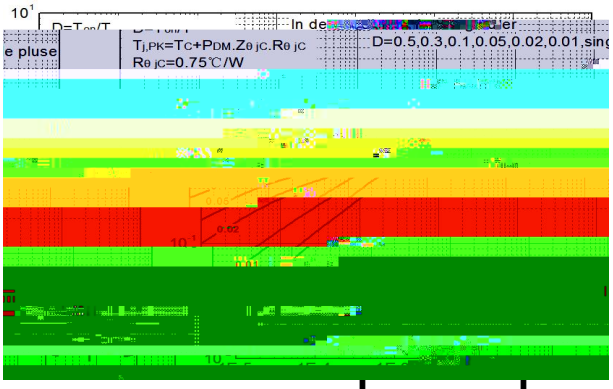
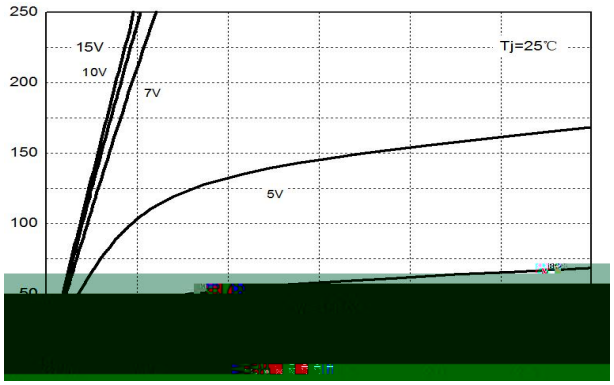


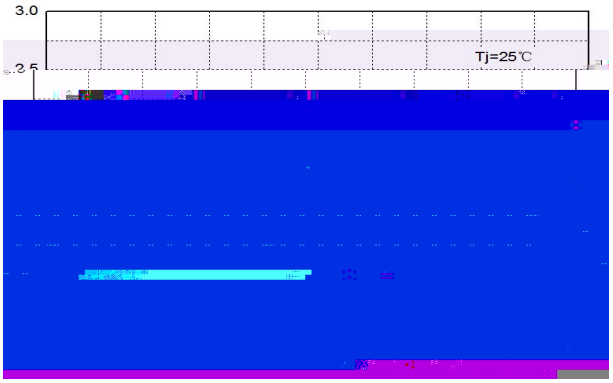


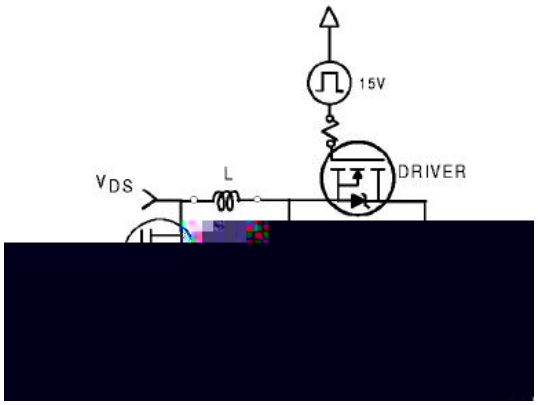


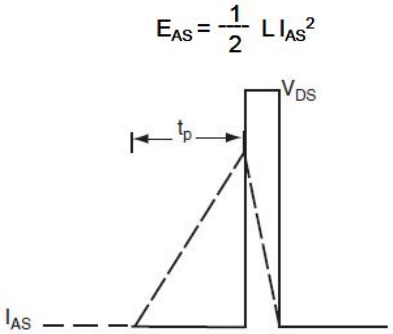


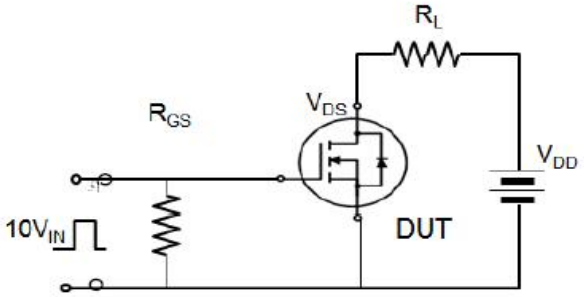
Ma im m Effec i e T an ien The mal
Impedance J nc ion o Ca e






15V
DRIVER
VDS
L


EAS = 1/2 L IAS2
VDS
tp
IAS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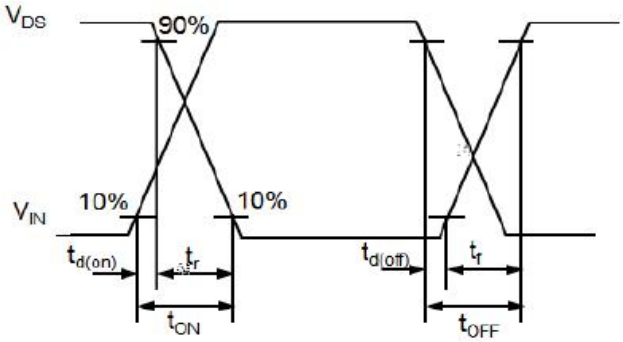
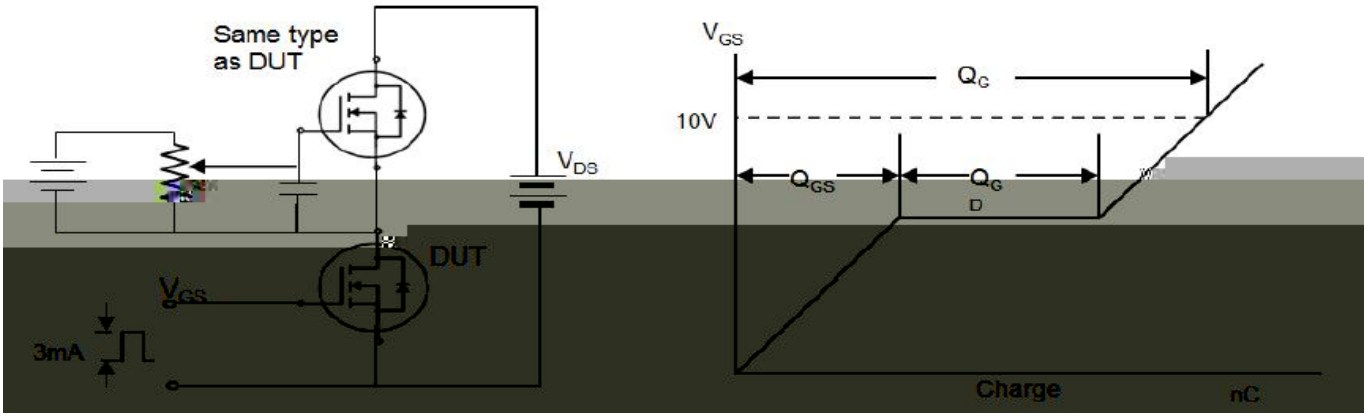
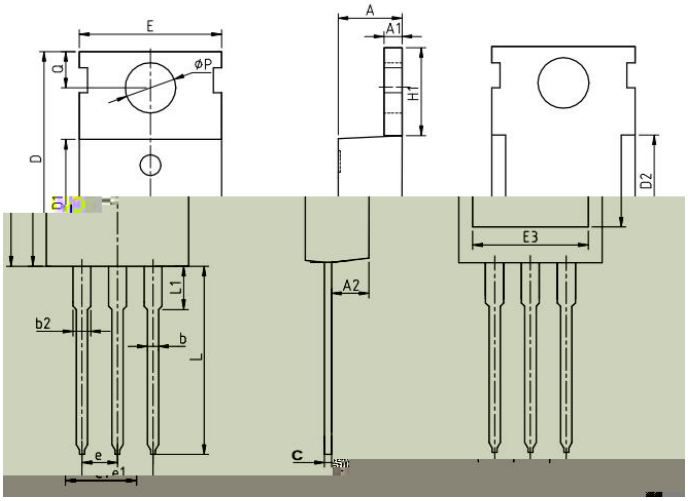
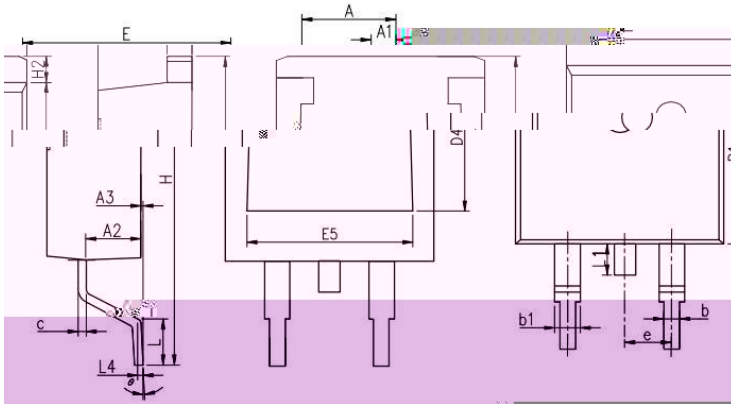
VDD
10VIN
DUT


VDS
90%
VIN
10%
10%
td(on)
tr
td(off)
tf
tON
tOFF


Same type
as DUT
VDS
DUT
VGS
3mA
VGS
Q_G
10V
Q_GS
Q_GD
Charge
nC


E
Q
ØP
D
D1
A
A1
H1
D2
E3
A2
L1
b2
b
L
e
e1
c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A
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H2
H
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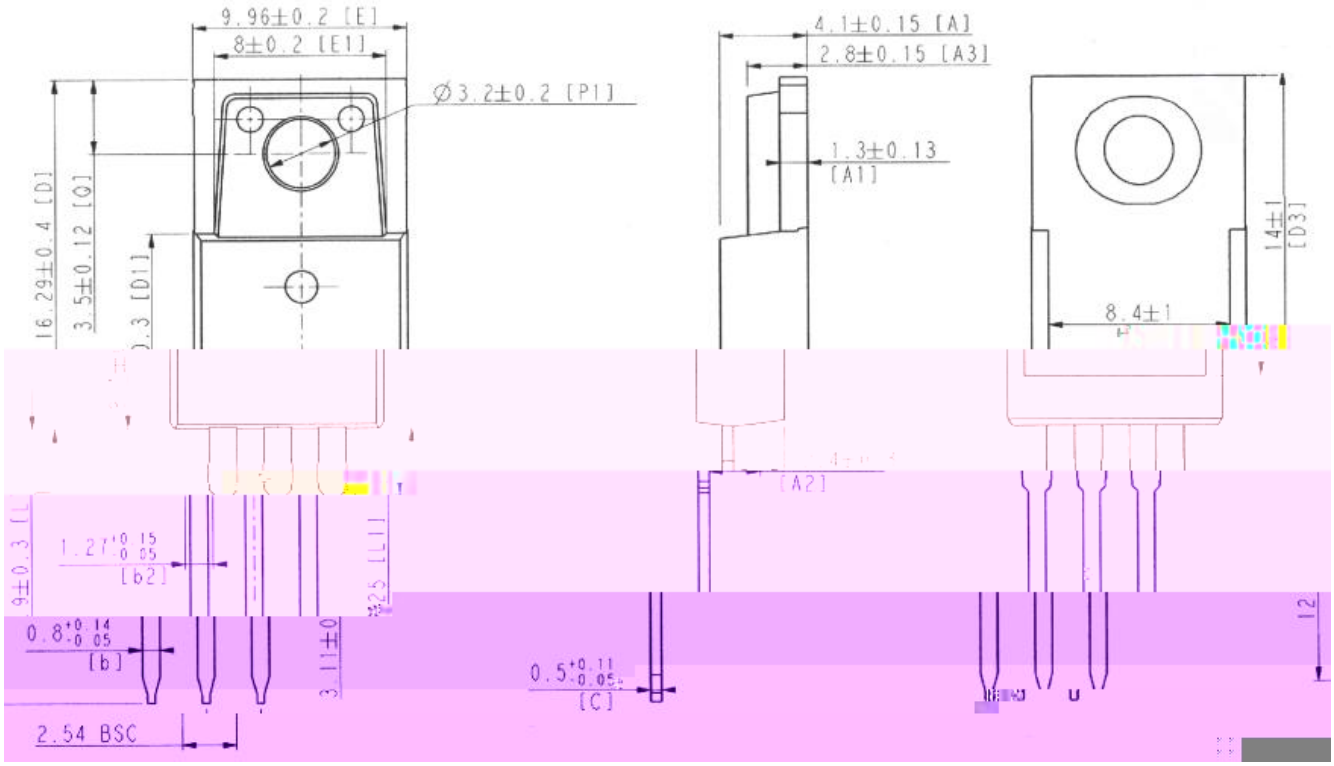
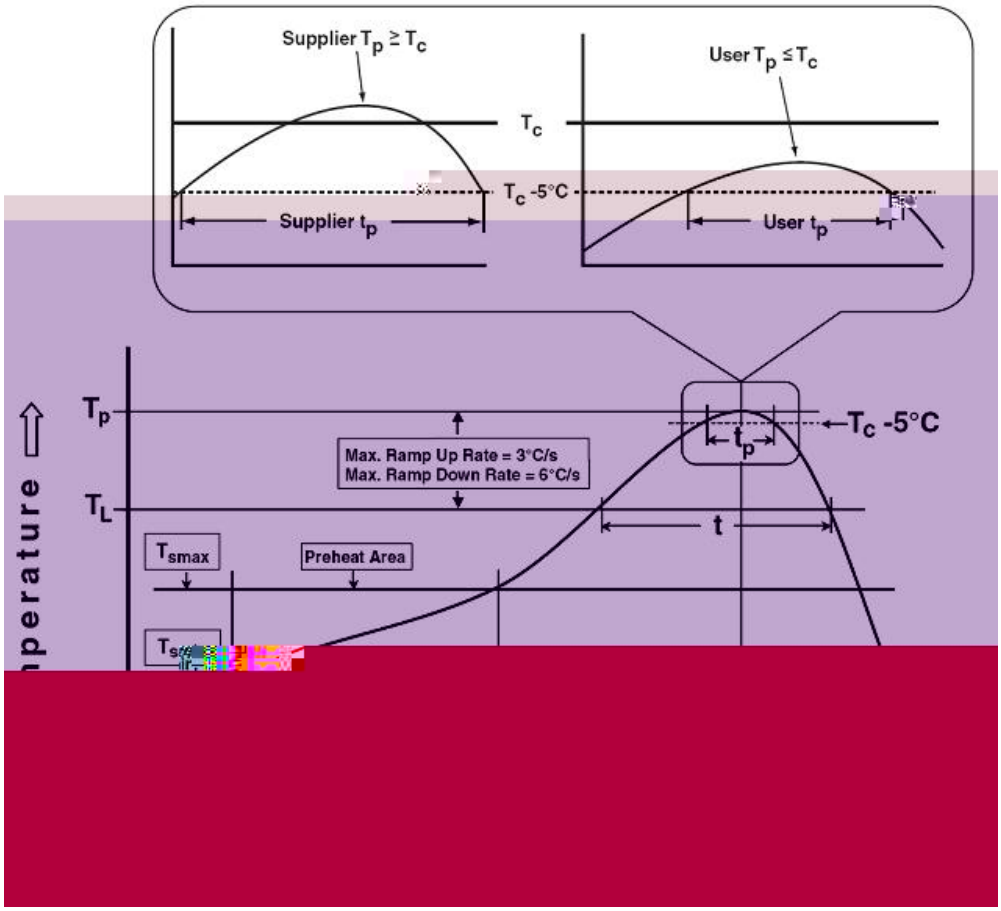
D4
E5
c
L
L4
b1
b
e


9.96±0.2 [E]
8±0.2 [E1]
Ø3.2±0.2 [P1]
16.29±0.4 [D]
3.5±0.12 [Q]
[D1]
4.1±0.15 [A]
2.8±0.15 [A3]
1.3±0.13
[A1]
14±1
[D3]
8.4±1
[A2]
1.27
[b2]
0.8
[b]
2.54 BSC
0.5
[C]
12


Supplier $T_p \geq T_c$
T_c
T_c -5°C
Supplier t_p
User $T_p \leq T_c$
User t_p
T_p
T_L
T_{smax}
Max. Ramp Up Rate = 3°C/s
Max. Ramp Down Rate = 6°C/s
Preheat Area
t_p
T_c -5°C
t
perature