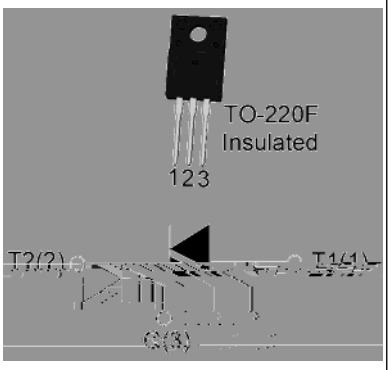
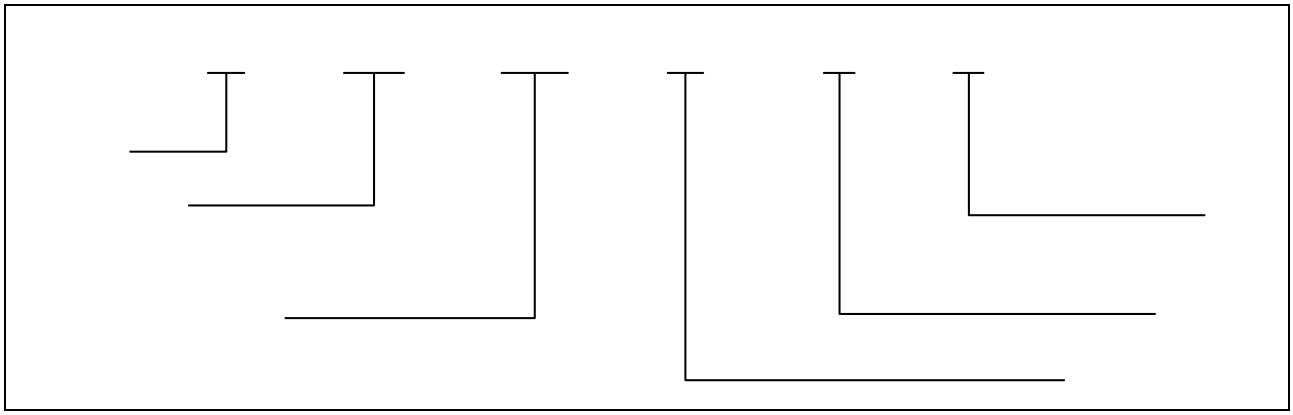
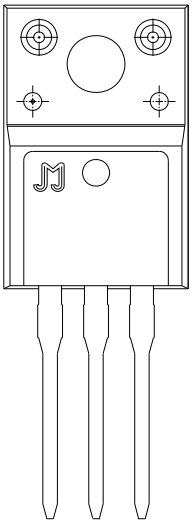
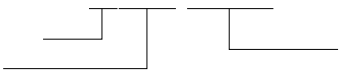
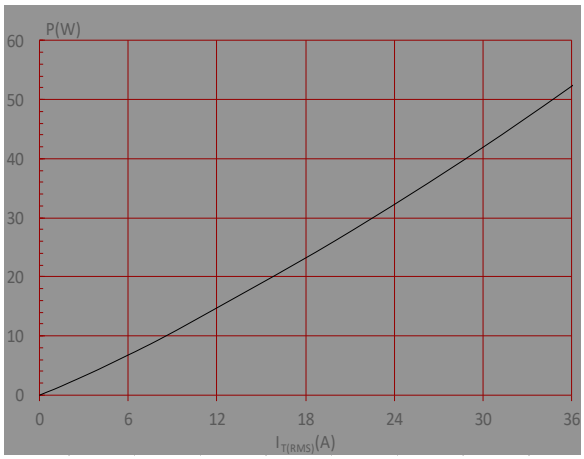
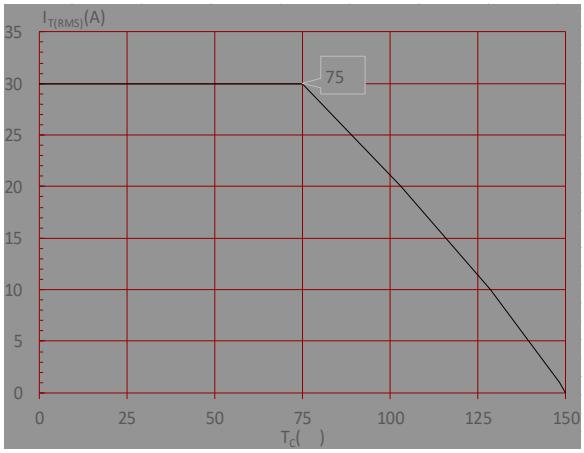

TO-220F
Insulated
123
T2(2)
T1(1)
G(3)

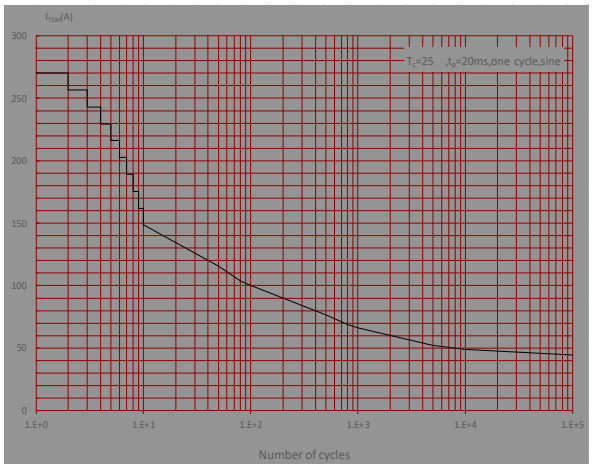


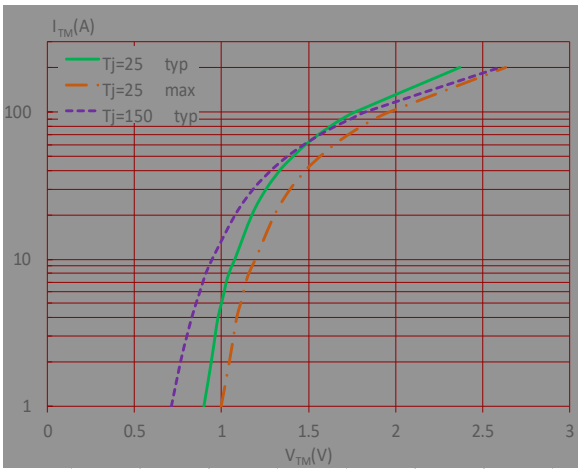


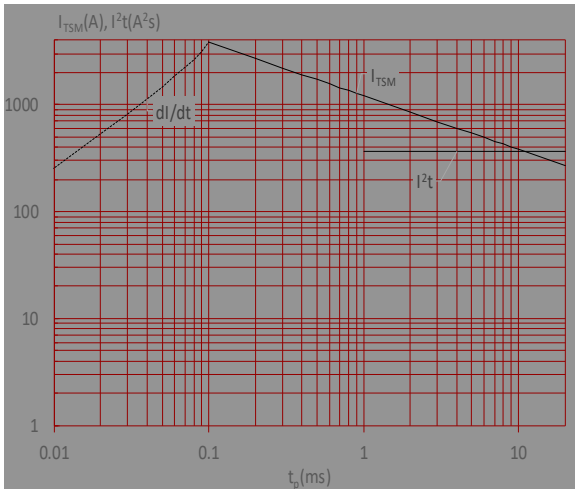


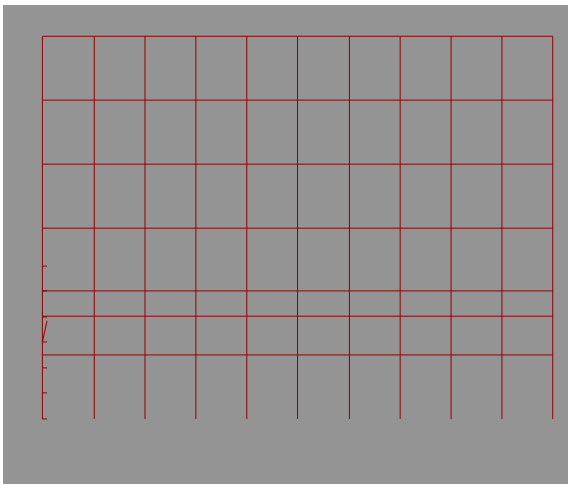

P(W)
60
50
40
30
20
10
0
0
6
12
18
24
30
36
I T(RMS)(A)

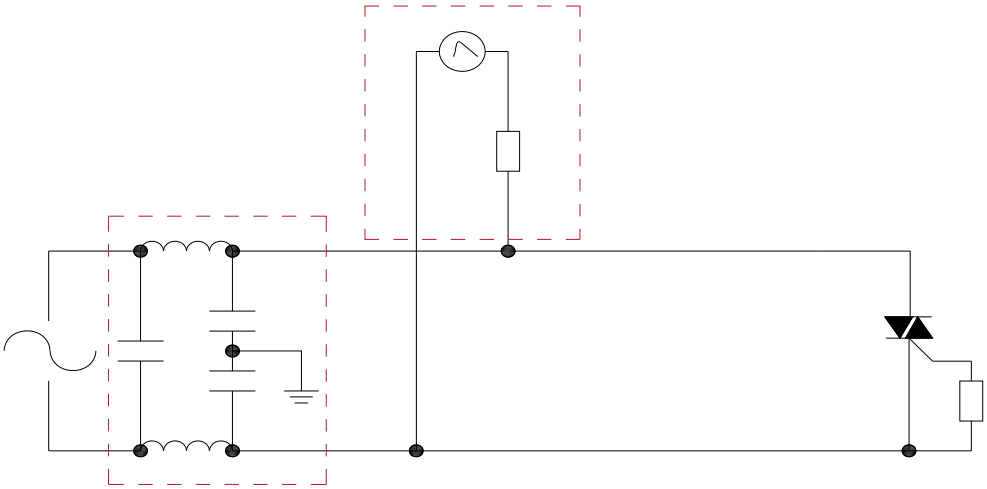
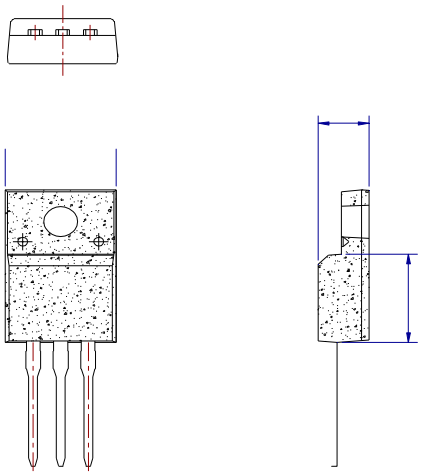

I T(RMS)(A)
35
30
25
20
15
10
5
0
75
0
25
50
75
100
125
150
Tc( )


I TSM(A)
300
250
200
150
100
50
0
Tc=25 ,tp=20ms,one cycle,sine
1.E+0
1.E+1
1.E+2
1.E+3
1.E+4
1.E+5
Number of cycles


I TM(A)
Tj=25 typ
Tj=25 max
Tj=150 typ
100
10
1
0
0.5
1
1.5
2
2.5
3
V TM(V)


I TSM(A), I²t(A²s)
1000
100
10
1
dI/dt
I TSM
I²t
0.01
0.1
1
10
tp(ms)





		Ⅰ Ⅱ Ⅲ