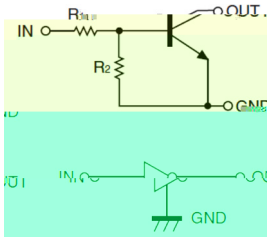
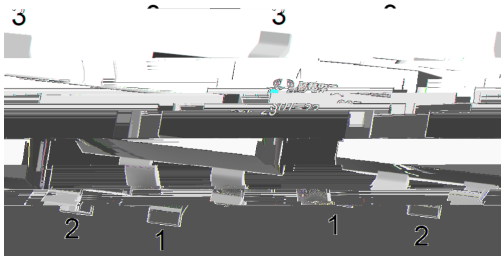
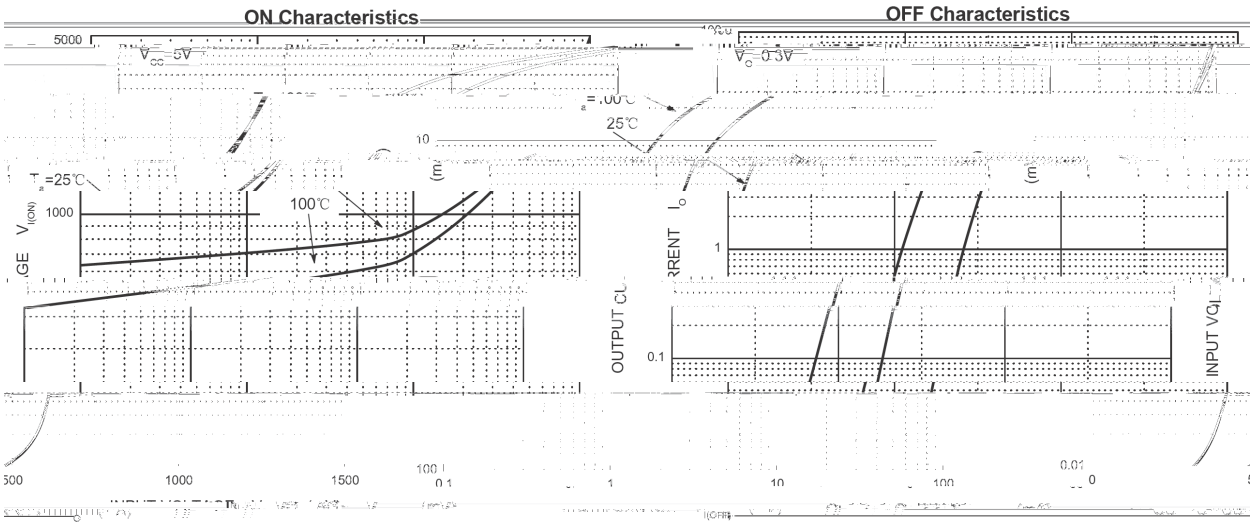
SOT-23 NPN

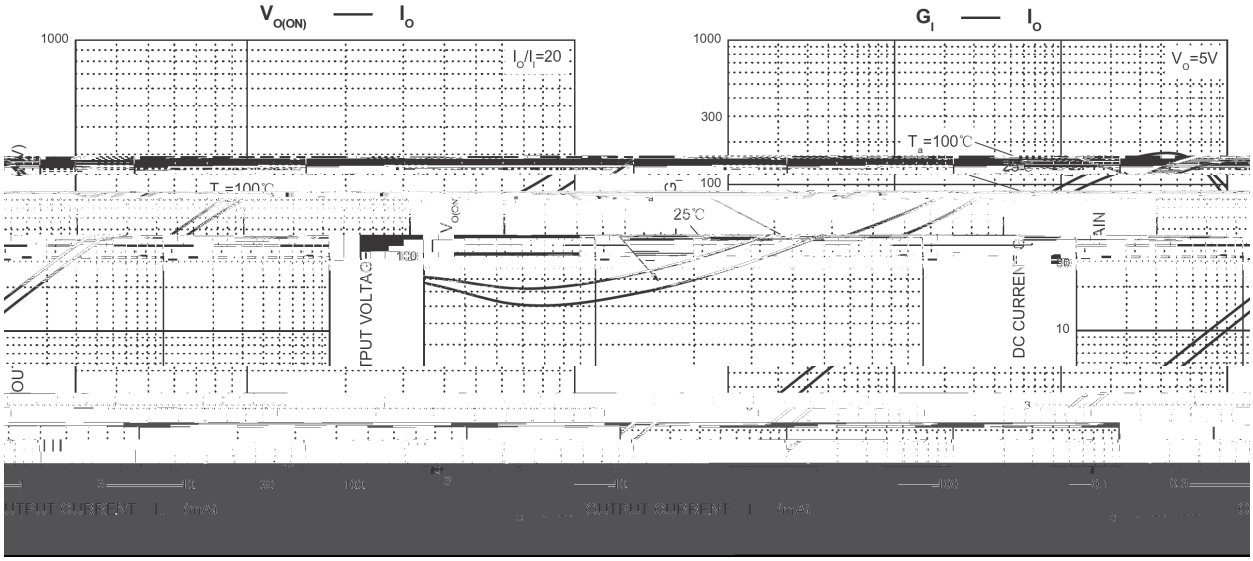
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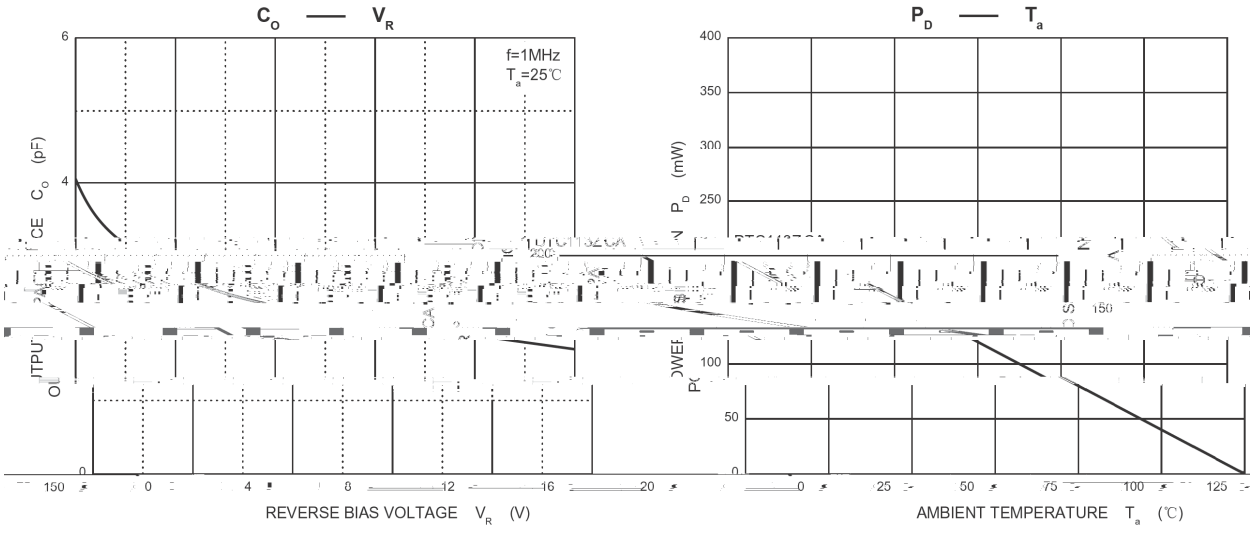


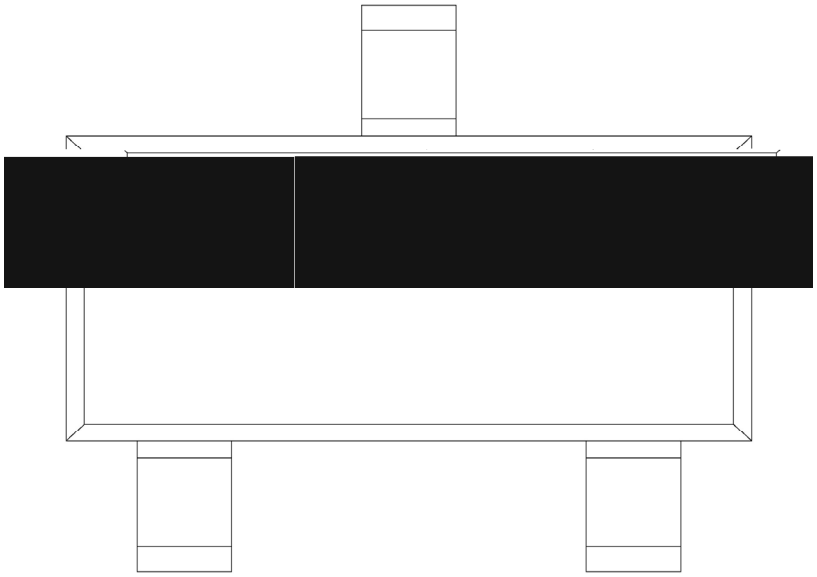


		ε				
						ε
						q


ON Characteristics
OFF Characteristics
5000
1000
1500
25℃
100℃
1
0.1
0.01
10
100


$V_{O(ON)}$ — I_O
G_I — I_O
I_O/I_I=20
V_O=5V
1000
300
100
10
T_a=100℃
25℃


C_O — V_R
P_D — T_a
f=1MHz
T_a=25℃
6
4
0
400
350
300
250
200
150
100
50
8
12
16
20
25
50
75
125
REVERSE BIAS VOLTAGE V_R (V)
AMBIENT TEMPERATURE T_a (℃)



H

E21

H

Temperature Profile for IR Reflow Soldering(Pb-Free)

± ± ± ±

± ±