Features

With built-in bias resistors, simplify circuit design, reduce a quantity of parts and manufacturing process,HF Product.

Application

Switching applications, interface circuit and driver circuit applications.

Circuit

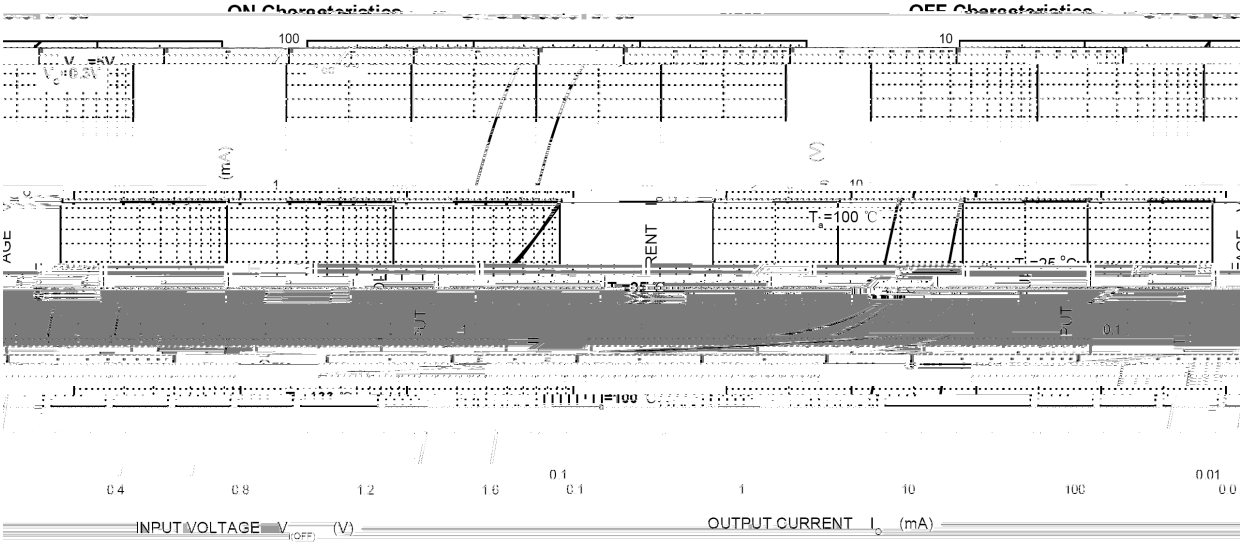
Package

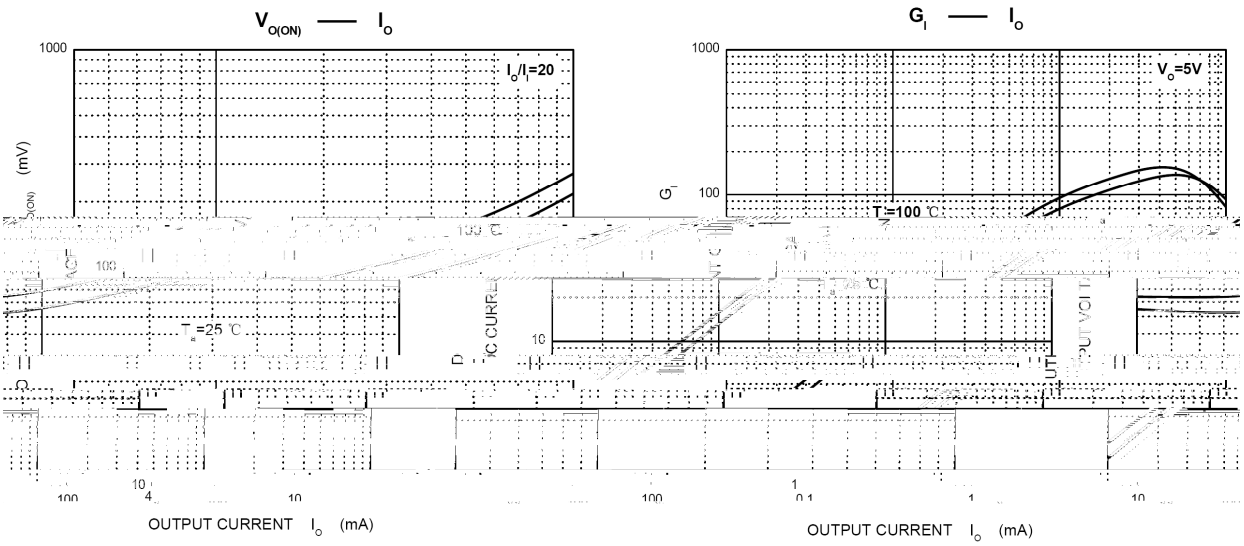
PIN 1 IN PIN 2 GND PIN 3 OUT

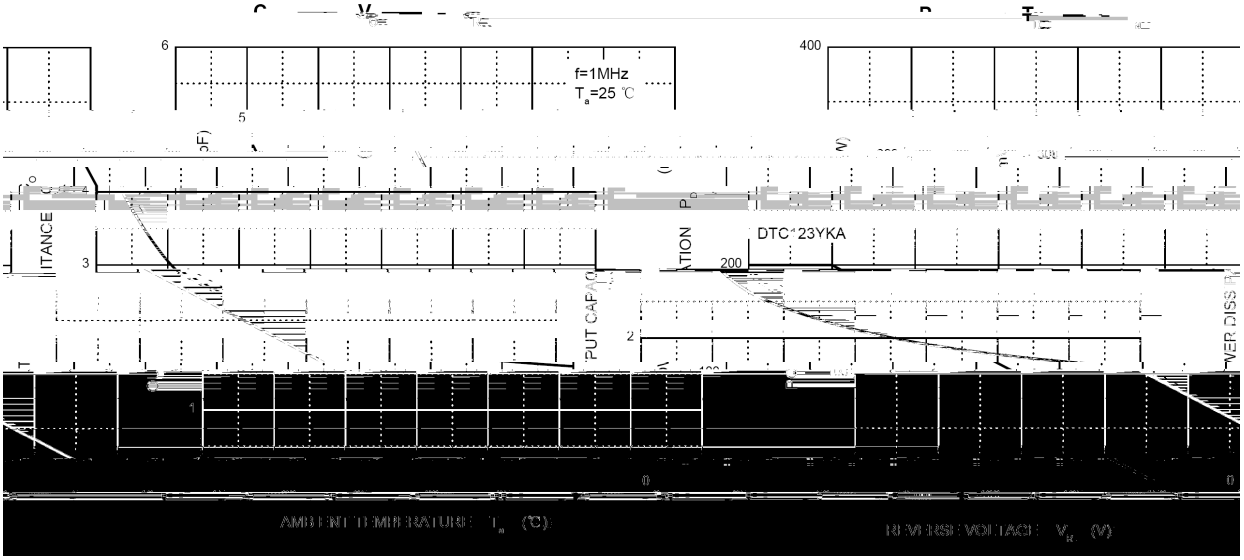
Marking

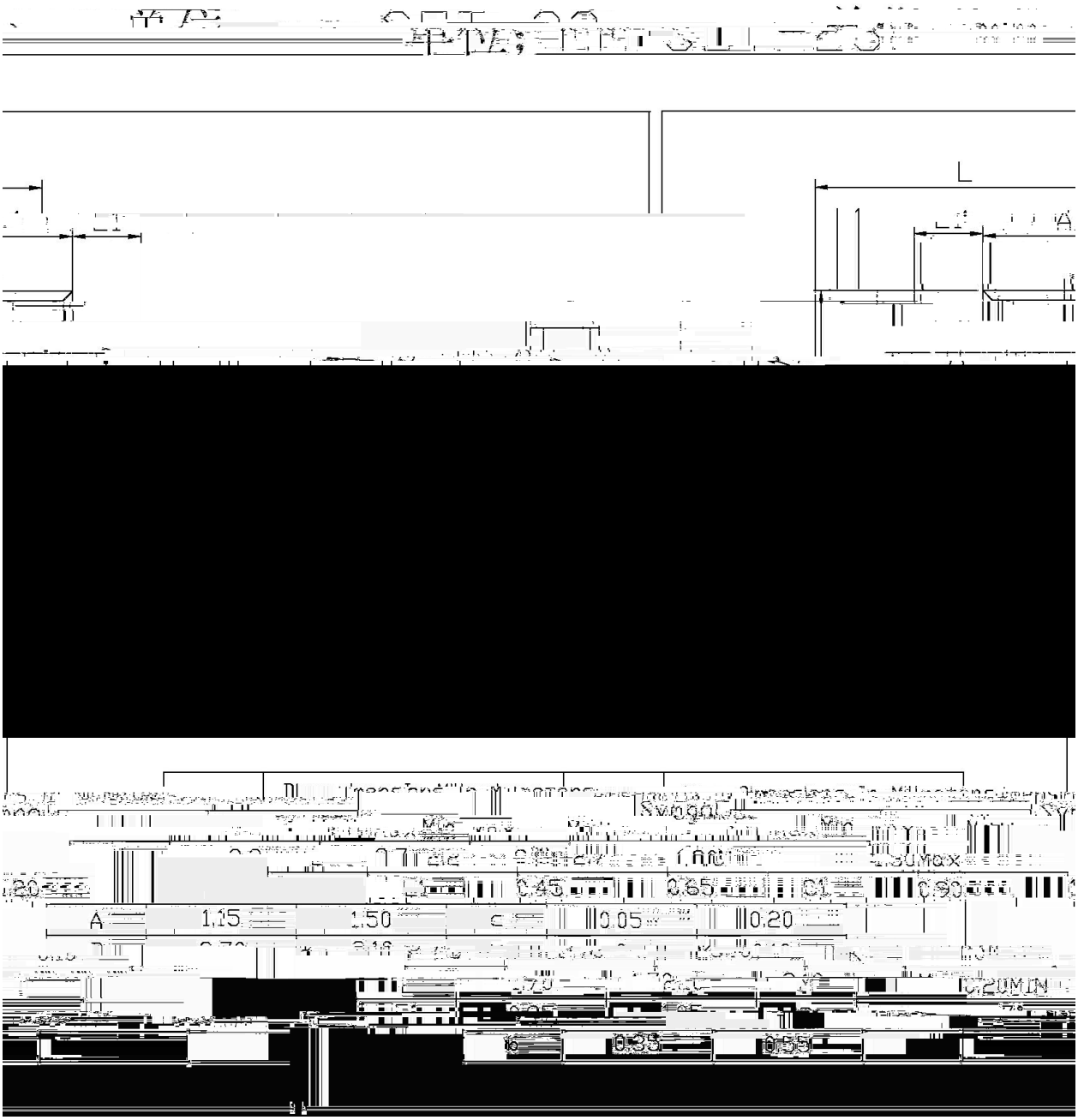
Marking	H62

Rev.A Apr.-2022


ON Characteristics
OFF Characteristics
100
10
1
0.1
0.01
(mA)
T_a=100 ℃
T_a=25 ℃
0.4
0.8
1.2
1.6
0.1
1
10
100
0.01
0.0
INPUT VOLTAGE V_I(OFF) (V)
OUTPUT CURRENT I_O (mA)


V_O(ON) — I_O
1000
100
10
(mV)
I_O/I_I=20
T_a=25 ℃
OUTPUT CURRENT I_O (mA)
G_I — I_O
1000
100
G_I
V_O=5V
T_a=100 ℃
OUTPUT CURRENT I_O (mA)


6
5
3
1
0
f=1MHz
T_a=25 ℃
400
300
200
100
0
DTC123YKA
AMBIENT TEMPERATURE T_a (℃)
REVERSE VOLTAGE V_R (V)


L
A
1.15
1.50
0.05
0.20
0.65
0.90
0.20MIN
0.35
0.55

Temperature Profile for IR Reflow Soldering(Pb-Free)

				Note:
1	150	180	60 90sec;	1.Preheating:150~180℃, Time:60~90sec.
2	245±5		5±0.5sec;	2.Peak Temp.:245±5℃, Duration:5±0.5sec.
3		2	10℃/sec.	3. Cooling Speed: 2~10℃/sec.

260±5℃	10±1 sec.	Temp.:260±5℃	Time:10±1 sec

/ REEL

(12.00 8( )]TJ ET q3686.04 353.01 m3686.04 42629 l 5376 Unit:mm封装尺寸 764 353.01 l h W* n BT58.04 0 0 58.04 0 0 Tm /F8 1 Tf 0 0 0 sc 0 0 0 SC 0 Tr 013.47869.237

Package Type
封装形式