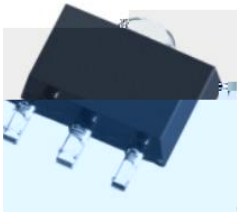
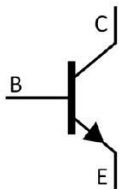


SOT-89          NPN          Silicon NPN transistor in a SOT-89 Plastic Package.

2SA1201  
 High  $f_T$ , high  $V_{CE0}$ , small flat package, complementary pair with 2SA1201.

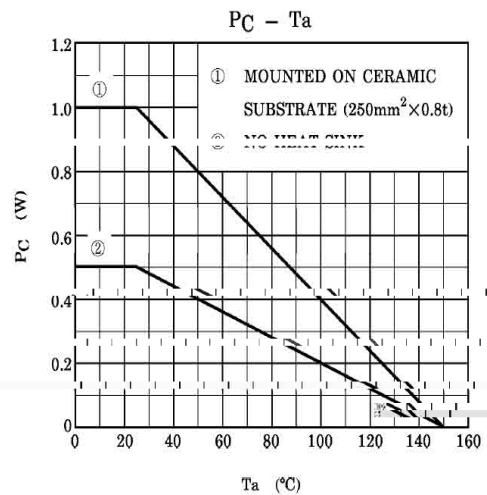
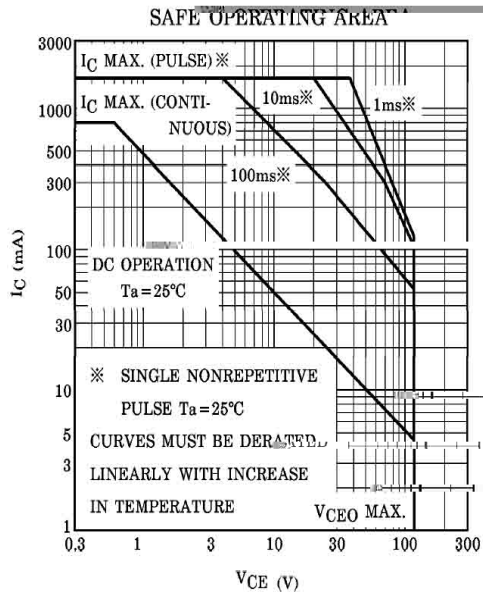
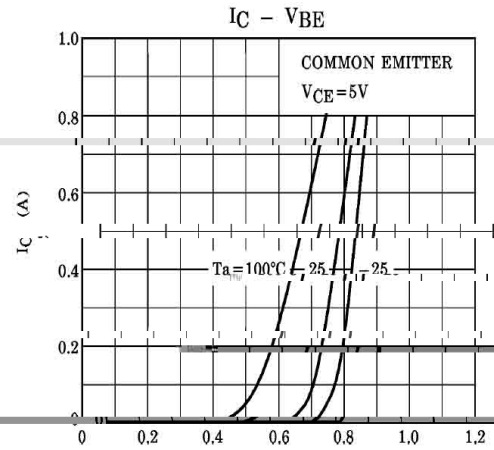
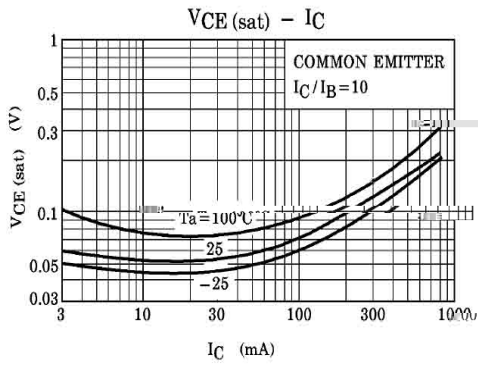
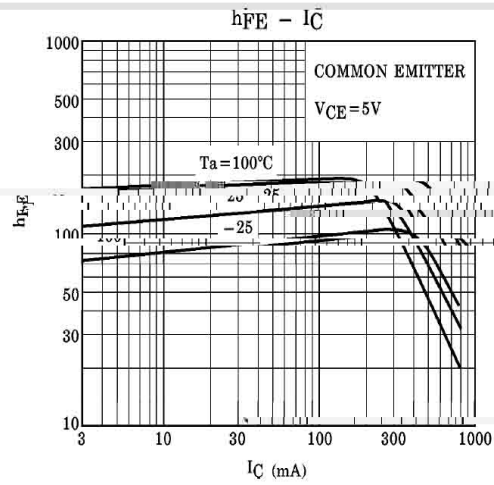
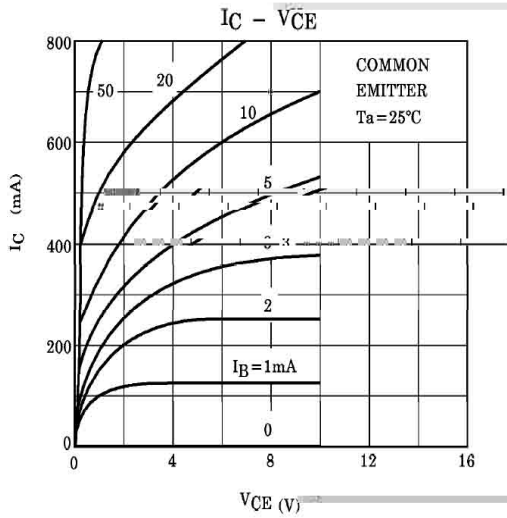
Power amplifier applications.

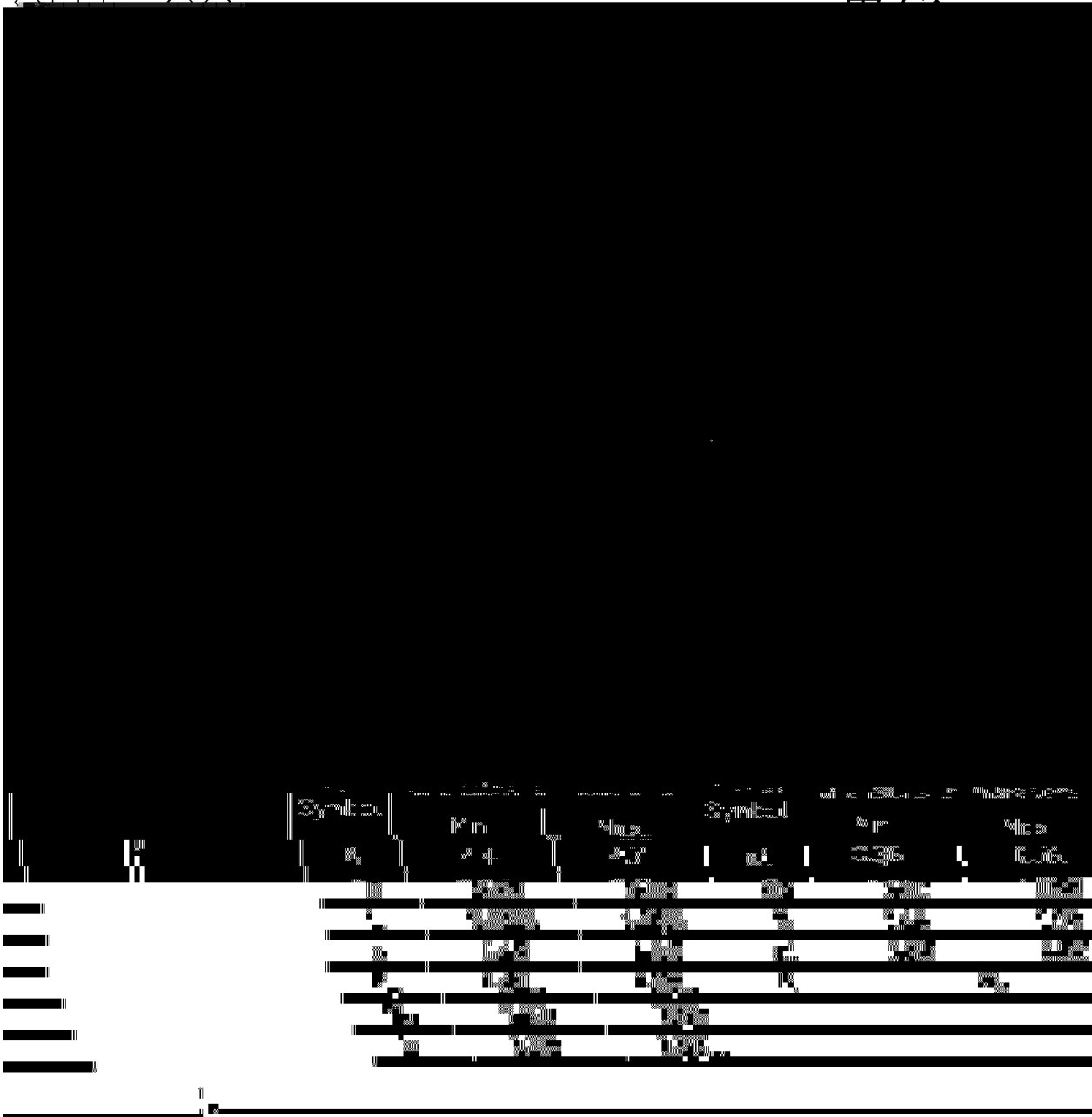


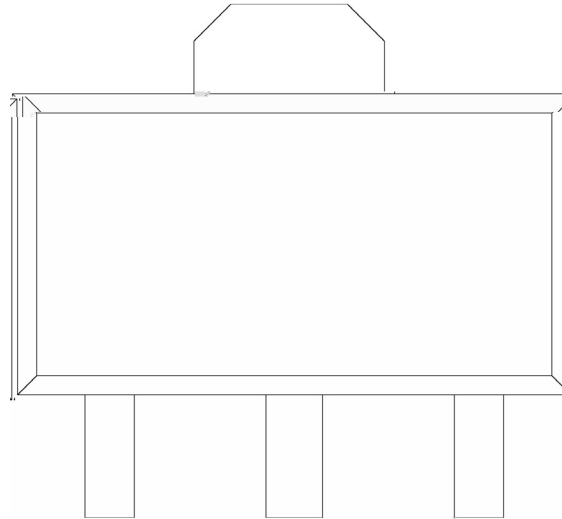
PIN1 Base          PIN 2 Collector          PIN 3 Emitter

$h_{FE}$ Classifications Symbol	O	Y
$h_{FE}$ Range	80 160	120 240
Marking	HCO * *	HCY * *

Parameter	Symbol	Rating	Unit
Collector to Base Voltage	$V_{CBO}$	120	V
Collector to Emitter Voltage	$V_{CEO}$	120	V
Emitter to Base Voltage	$V_{EBO}$	5.0	V
Collector Current-Continuous	$I_C$	800	mA
Collector Base-Continuous	$I_B$	160	mA
Collector Power Dissipation	$P_C$	500	mW
Collector Power Dissipation*	* $P_C$	1.0	W







H

C

O

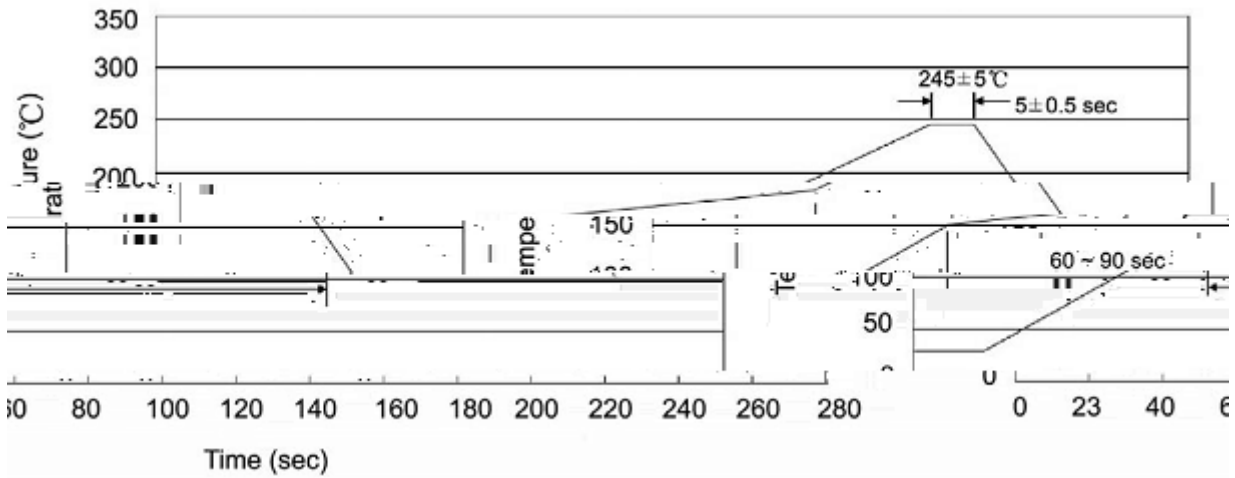
\*\*

Note:

H: Company Code.

C: Product Type1 Tf0.0045j15j/TT 005 Tc1.4017 y 17j03(h5 Tc70

## K\d g\iXk i\`Gif]`d ]fi @ `l \]fn Jfd \i'e^ZGS=i\`z



Note:

- |   |       |     |    |           |   |
|---|-------|-----|----|-----------|---|
| 1 | 25    | 150 | 60 | 90sec;    | 1.Preheating:25~150 , 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

Package Type	Units					Dimension (unit mm <sup>3</sup> )		
	Units/Reel	Reels/Inner Box	Units/Inner Box	Inner Boxes/Outer Box	Units/Outer Box	Reel	Inner Box	Outer Box
SOT-89	1,000	7	7,000	8	56,000	7 ×12	180×120×180	385×257×392