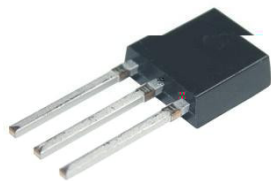
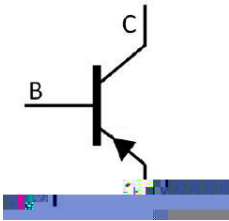


TO-251          PNP          Silicon PNP transistor in a TO-251 Plastic Package.

, 2SD880I

Low collector saturation voltage, collector power dissipation, complementary to 2SD880I.

Audio frequency power amplifier applications.



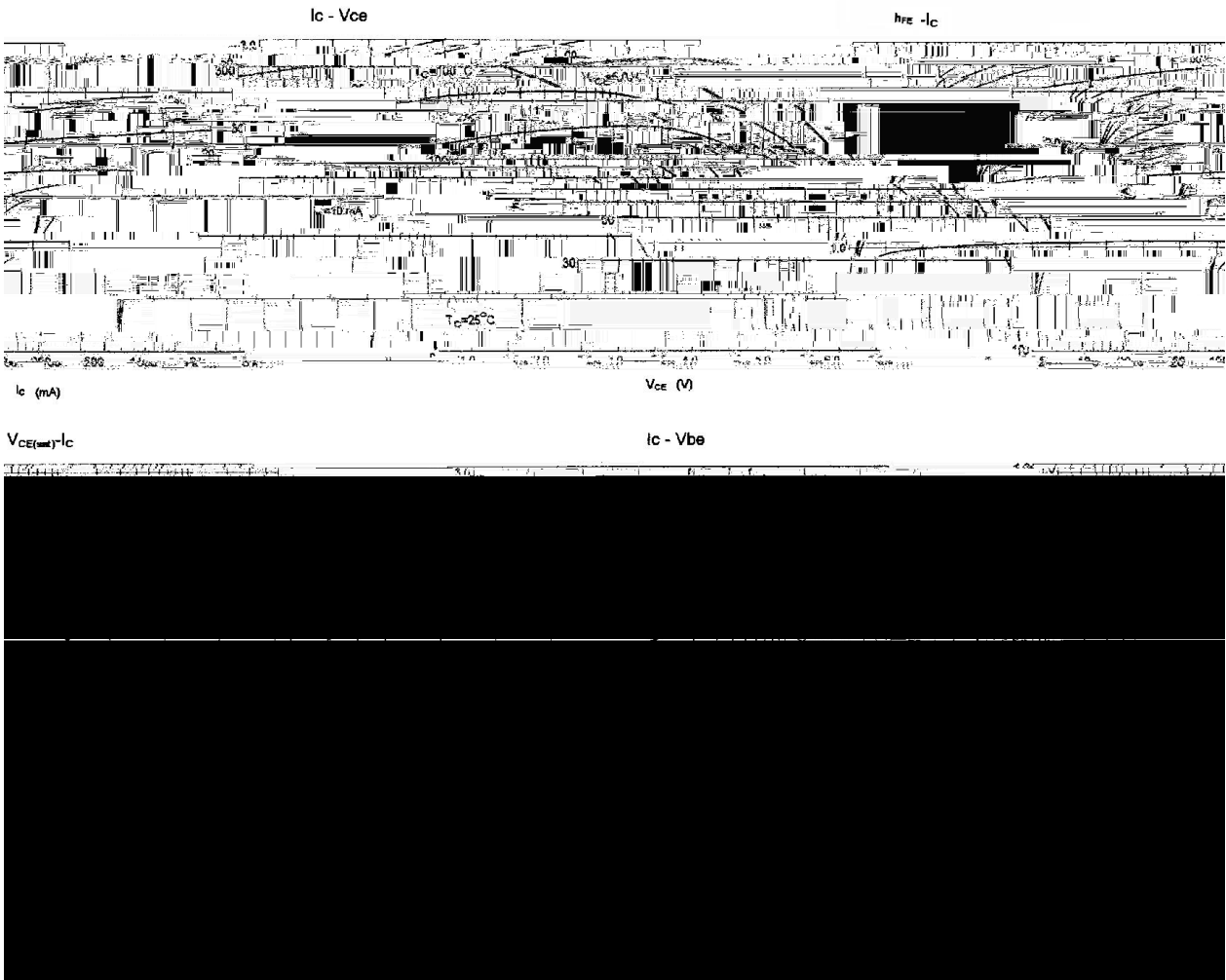
PIN1 Base          PIN 2 Collector          PIN 3 Emitter

/  **$h_{FE}$  Classifications & Marking** i p

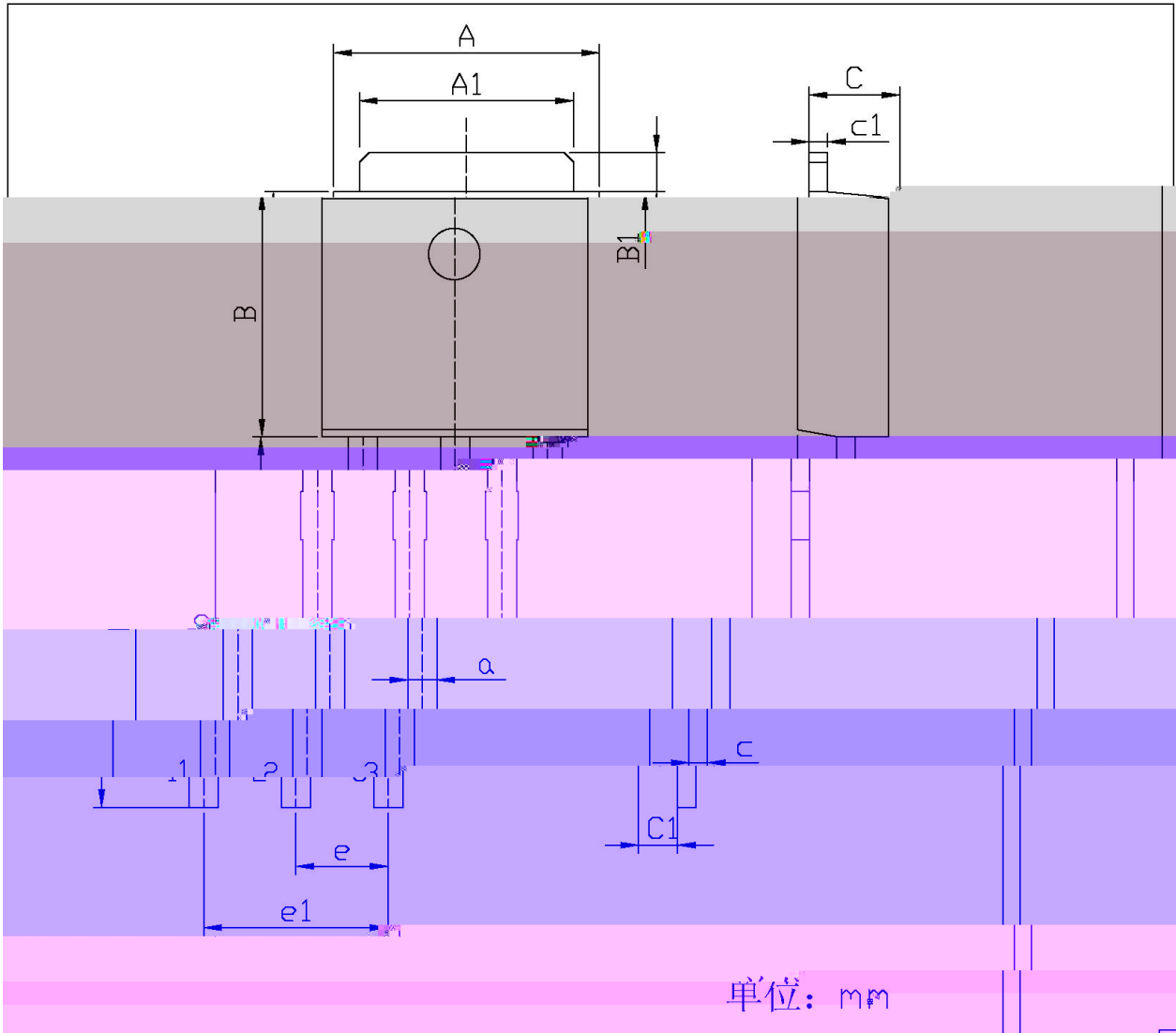
Parameter	Symbol	Rating	Unit
Collector to Base Voltage	$V_{CBO}$	-60	V
Collector to Emitter Voltage	$V_{CEO}$	-60	V
Emitter to Base Voltage	$V_{EBO}$	-7.0	V
Collector Current - Continuous	$I_C$	-3.0	A
Base Current - Continuous	$I_B$	-0.5	A
Collector Power Dissipation	$P_C$	1.0	W
Junction Temperature	$T_j$	150	
Storage Temperature Range	$T_{stg}$	-55 150	

Parameter	Symbol	Test Conditions	Min	Typ	Max	Unit
Collector to Emitter Breakdown Voltage	$V_{CEO}$	$I_C=-50mA$ $I_B=0$	-60			V
Collector Cut-Off Current	$I_{CBO}$	$V_{CB}=-60V$ $I_E=0$			-100	A
Emitter Cut-Off Current	$I_{EBO}$	$V_{EB}=-7.0V$ $I_C=0$			-100	A
DC Current Gain	$h_{FE(1)}$	$V_{CE}=-5.0V$ $I_C=-0.5A$	60		300	
	$h_{FE(2)}$	$V_{CE}=-5.0V$ $I_C=-3.0A$	20			
Collector to Emitter Saturation Voltage Base to Emitter Voat)	$V_{CE(sat)}$	$I_C=-3.0A$ $I_B=-0.3A$		-0.5	-1.0	V

/ Electrical Characteristic Curve



**/ Package Dimensions**



单位: mm

Symbol	Dimensions In Millimeters		Symbol	Dimensions In Millimeters	
	Min	Max		Min	Max
A	6.45	6.75	a	0.50	0.70
A1	5.10	5.50	b	9.00	9.40
B	5.95	6.35	c	1.20	1.50
B1	5.95	6.35	c1	1.20	1.50
C	5.95	6.35	e	1.20	1.50
C1	5.95	6.35	e1	1.20	1.50

/ Marking Instructions



BR

B834I

Y:  $h_{FE}$

\*\*\*\*

Note:

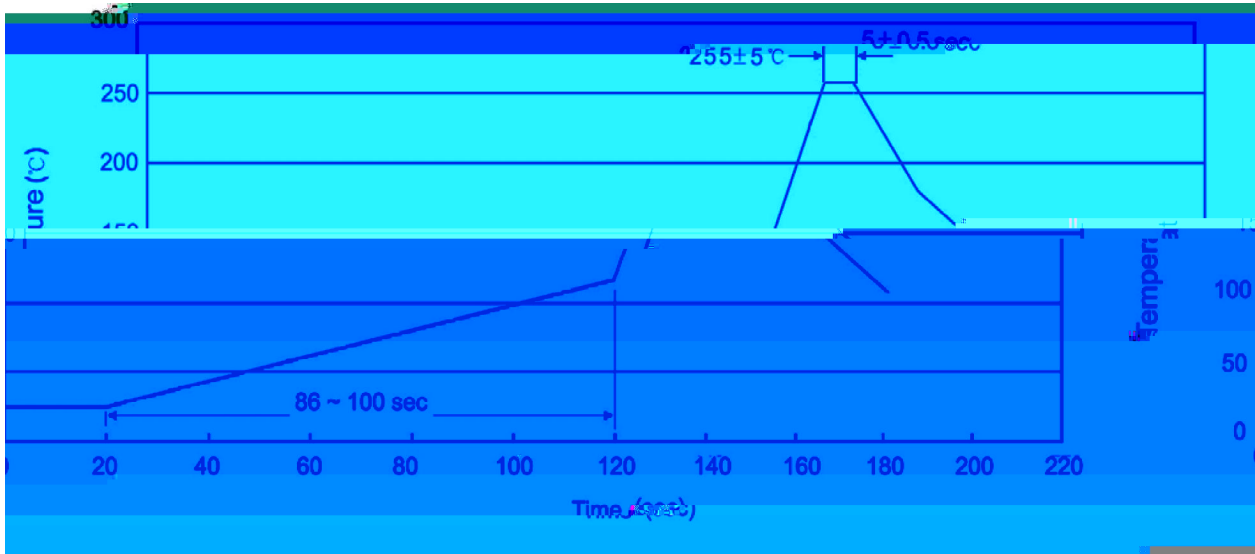
BR: Company Code

B834I: Product Type.

Y:  $h_{FE}$  Classifications Symbol

\*\*\*\*: Lot No. Code, code change with Lot No.

( ) / Temperature Profile for Dip Soldering(Pb-Free)



Note:

- |   |       |     |       |          |   |
|---|-------|-----|-------|----------|---|
| 1 | 25    | 150 | 60    | 90sec;   | 1.Preheating:25~150 , Time:60~90sec.    |
| 2 | 255±5 |     | 5±0.5 | sec;     | 2.Peak Temp.:255±5 , Duration:5±0.5sec. |
| 3 |       |     | 2     | 10 /sec. | 3. Cooling Speed: 2~10 /sec.            |

/ Resistance to Soldering Heat Test Conditions

270±5                      10±1 sec.                      Temp.:270±5                      Time:10±1 sec

/ Packaging SPEC.

/ BULK

Package Type 封装形式	Units 包装数量					Dimension 包装尺寸 (unit: mm <sup>3</sup> )		
	只袋	袋盒	只盒	盒箱	只箱	袋	盒	箱

/ TUBE

Package Type 封装形式	Units 包装数量					Dimension 包装尺寸 (unit: mm <sup>3</sup> )		
	只套管	套管盒	只盒	盒箱	只箱	套管	盒	箱

/ Notices