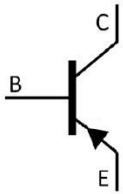


Silicon PNP transistor in a TO-220F Plastic Package.

Low  $V_{CE(sat)}$ , High  $P_C$ , complementary pair with 2SD2012.

Audio frequency power amplifier applications.

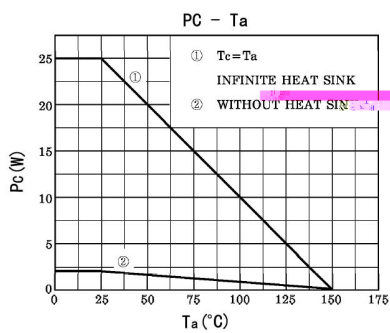
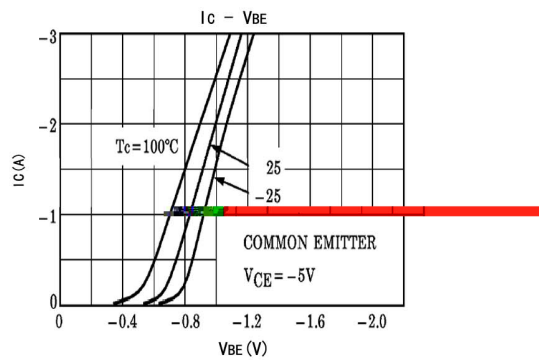
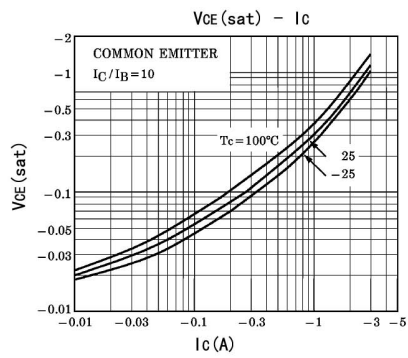
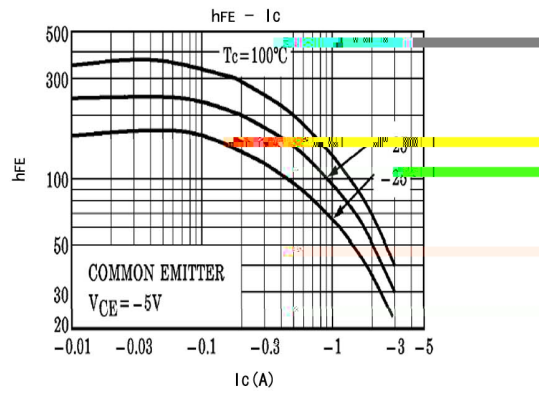
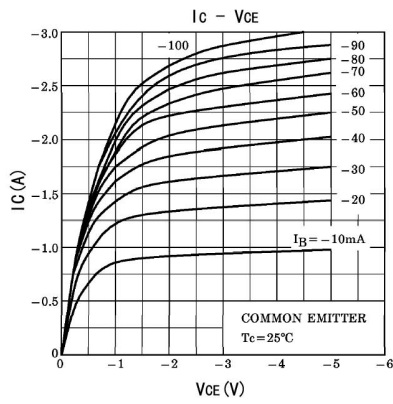


PIN1 Base      PIN 2 Collector      PIN 3 Emitter

See Marking Instructions.

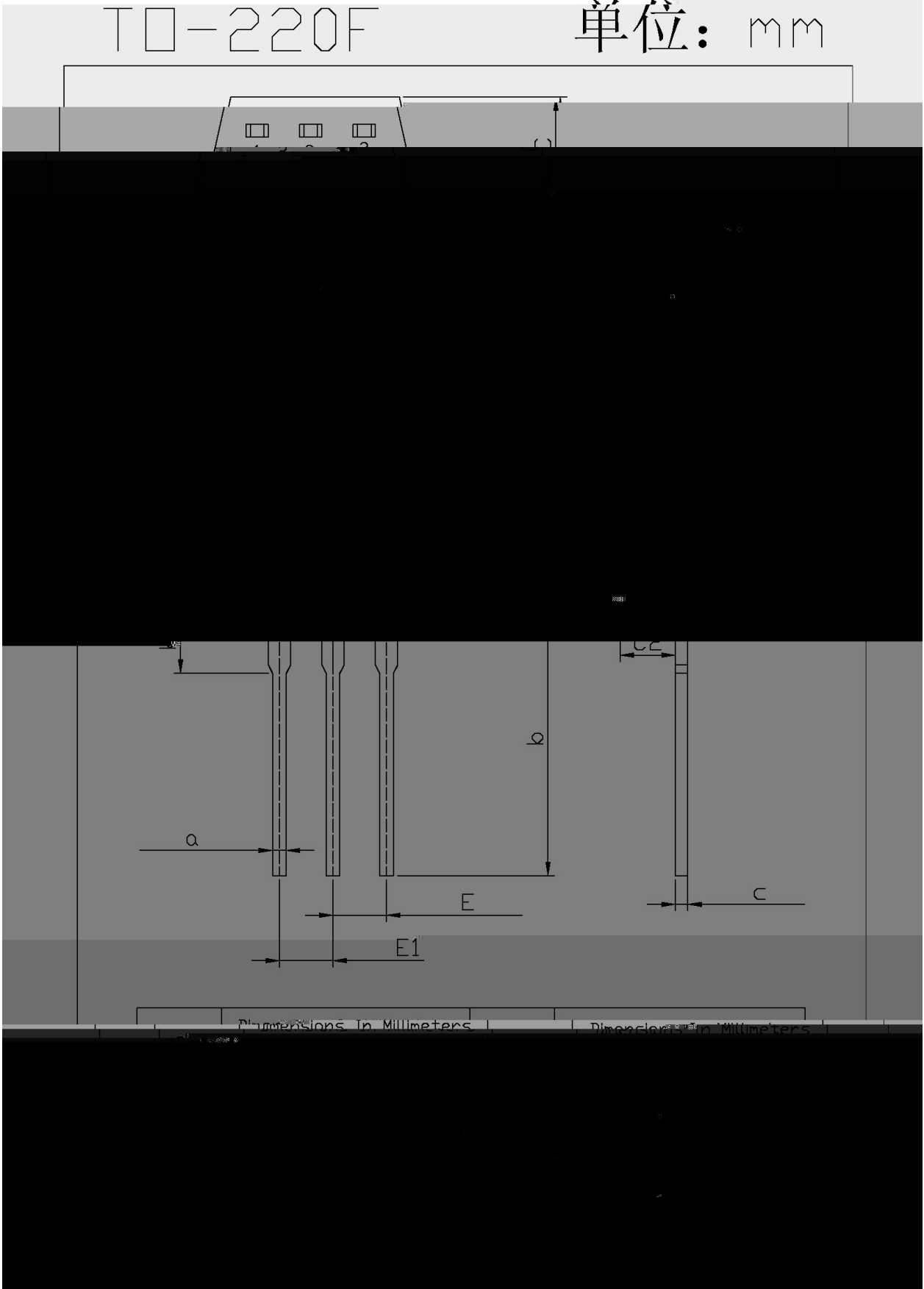
Parameter	Symbol	Rating	Unit
Collector to Base Voltage	$V_{CBO}$	-60	V
Collector to Emitter Voltage	$V_{CEO}$	-60	V
Emitter to Base Voltage	$V_{EBO}$	-7.0	V
Collector Current - Continuous	$I_C$	-3.0	A
Base Current	$I_B$	-0.5	A
Collector Power Dissipation	$P_C$	2.0	W
Collector Power Dissipation	$P_C (T_c=25^\circ C)$	25	W
Junction Temperature	$T_j$	150	$^\circ C$
Storage Temperature Range	$T_{stg}$	-55 150	$^\circ C$

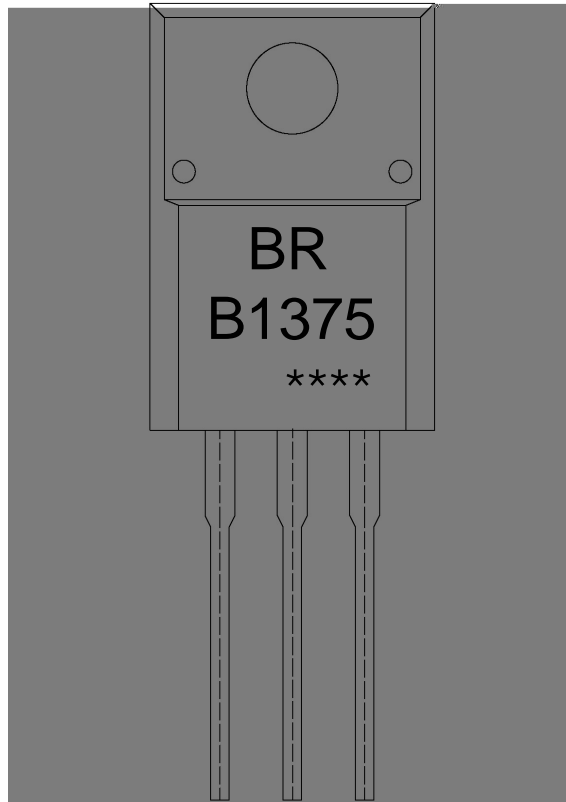
Parameter	Symbol	Test Conditions	Min	Typ	Max	Unit
Collector Cut-Off Current	$I_{CBO}$	$V_{CB}=-60V \quad I_E=0$			-10	$\mu A$
Emitter Cut-Off Current	$I_{EBO}$	$V_{EB}=-7.0V \quad I_C=0$			-10	$\mu A$



TO-220F

单位: mm



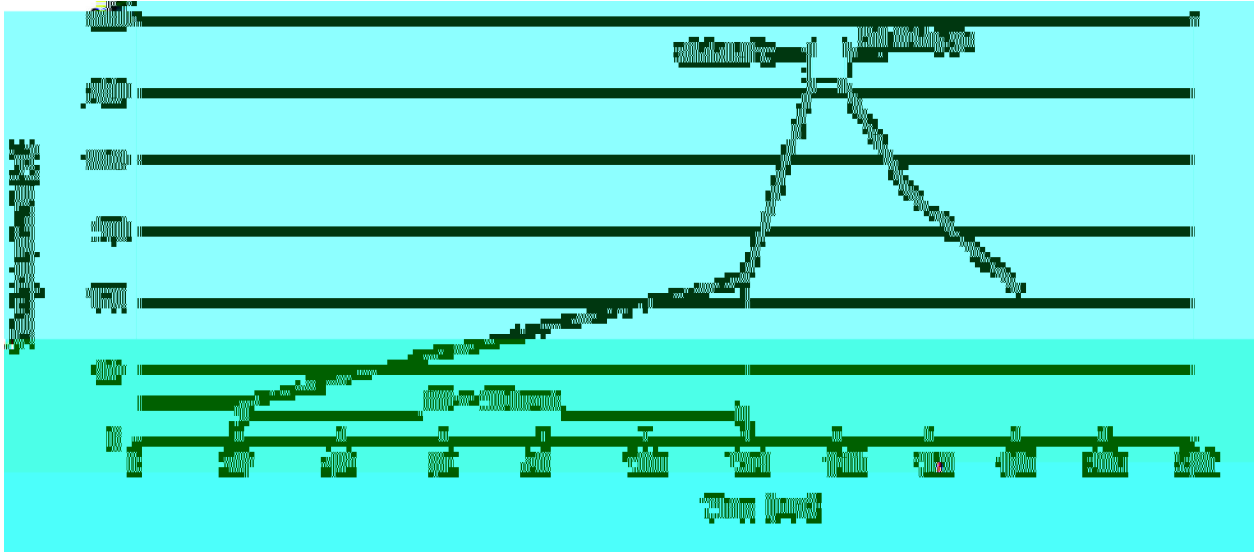


Note:

BR: Company Code.

B1375: Product Type.

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



- 1            25   150            60   90sec;
- 2            255   5                    5   0.5sec;
- 3                            2   10   /sec.

**Note:**

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

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

/ BULK

Package Type	Units		Dimension	(unit mm <sup>3</sup> )
	Units/Bag	Bags/Inner Box		
	/	/		