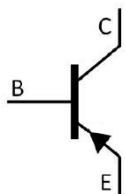


TO-220F PNP Silicon PNP transistor in a TO-220F Plastic Package.

, KTC2026
 Low collector saturation voltage, complementary to KTC2026.

General purpose amplifier.

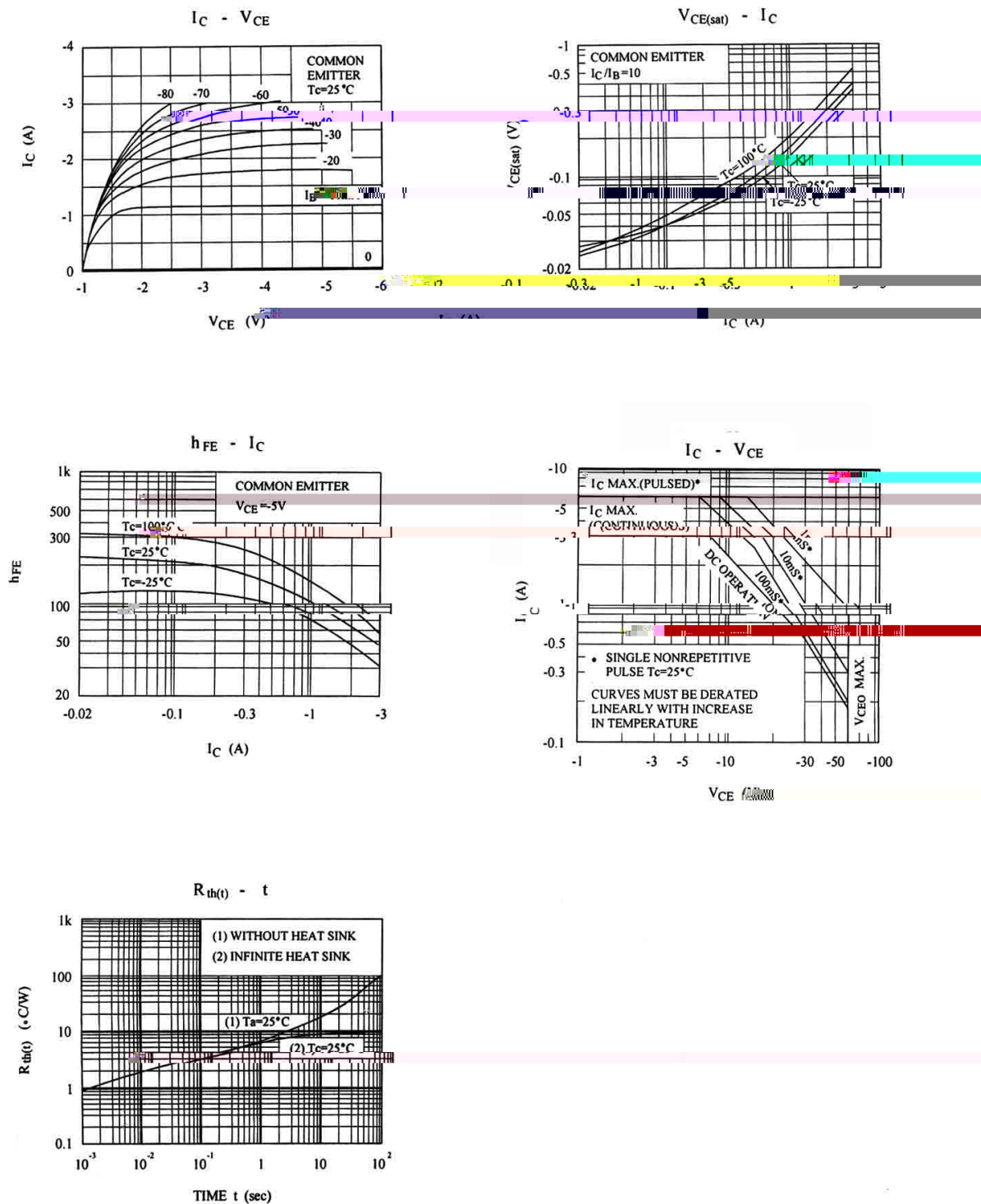


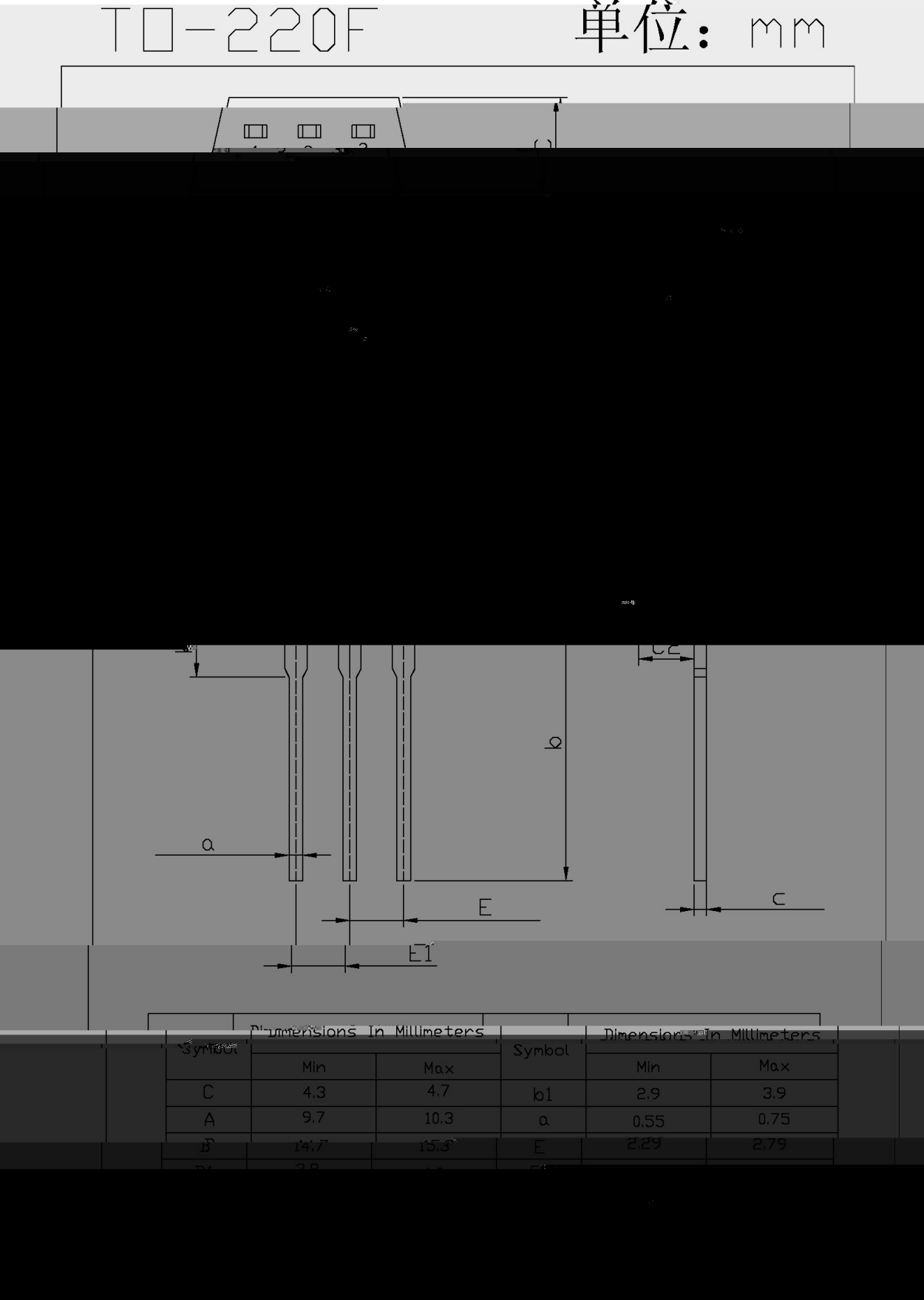
PIN1 Base PIN 2 Collector PIN 3 Emitter

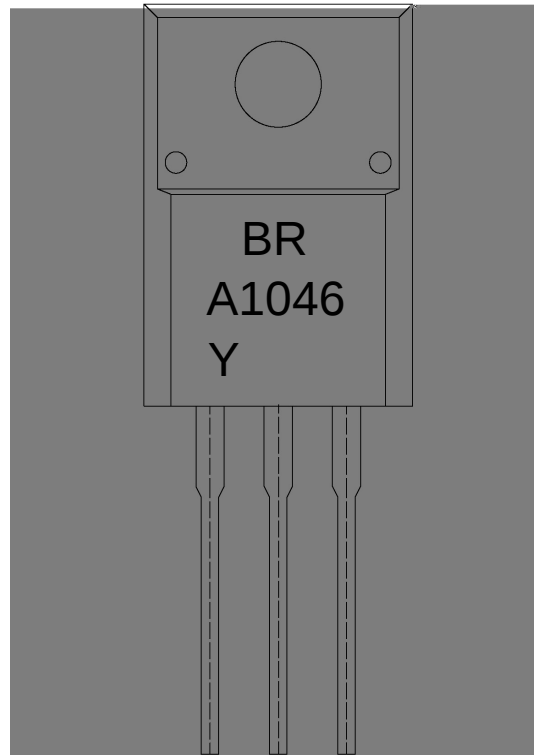
h_{FE} Classifications Symbol	Y	GR
h_{FE} Range	100 200	150 300

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	$P_C(T_c=25^\circ\text{C})$	25	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}	$I_C=-50\text{mA}$ $I_B=0$	-60			V
Collector Cut-Off Current	I_{CBO}	$V_{CB}=-60\text{V}$ $I_E=0$			-100	μA
Emitter Cut-Off Current	I_{EBO}	$V_{EB}=-7.0\text{V}$ $I_C=0$			-100	μA
DC Current Gain	$h_{FE(1)}$	$V_{CE}=-5.0\text{V}$ $I_C=-0.5\text{A}$	100		300	
	$h_{FE(2)}$	$V_{CE}=-5.0\text{V}$ $I_C=-3.0\text{A}$	20			
Collector to Emitter Saturation Voltage	$V_{CE(sat)}$	$I_C=-2.0\text{A}$ $I_B=-0.2\text{A}$		-0.25	-1.0	V
Collector to Emitter Voltage	V_{BE}	$V_{CE}=-5.0\text{V}$ $I_C=-0.5\text{A}$		-0.7	-1.0	V
Transition Frequency	f_T	$V_{CE}=-5.0\text{V}$ $I_C=-0.5\text{A}$		30		MHz
Collector output capacitance	C_{ob}	$V_{CB}=-10\text{V}$ $I_E=0$ $f=1.0\text{MHz}$		45		pF
Turn-On Time	t_{on}	$I_C=10\text{I}_{B1}=-10\text{I}_{B2}=-2.0\text{A}$ $V_C=-30\text{V}$		0.4		μS
Storage Time	t_{stg}			1.7		
Fall Time	t_f			0.5		







BR

A1046

Y: h_{FE}

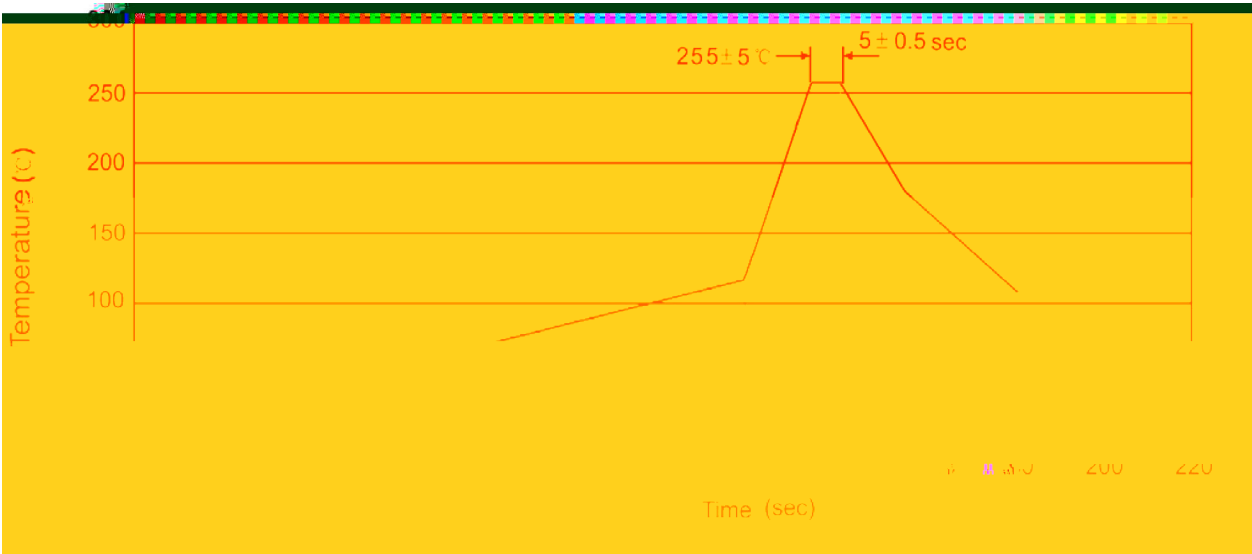
Note:

BR: Company Code.

A1046: Product Type.

Y: h_{FE} Classifications Symbol.

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



Note:

- 1

25 150

60 90sec;
- 2

255±5

5±0.5sec;
- 3

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

270±5

10±1 sec.

Temp:270±5

Time:10±1 sec

/ BULK

Package Type	Units					Dimension (unit mm3)		

/ TUBE

Package Type	Units					Dimension (unit mm3)		