

/ Descriptions

WR0553I ММ Ё QSQ Æ М ы s ll 1 Silicon NPN transistor in a TO-220F Plastic Package.

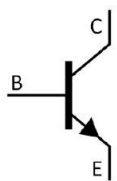
/ Features

к_И 1 ó Ъ /ъ NWE469; Ы ´
Good Linearity of h_{FE} , complementary pair with KTB1368.

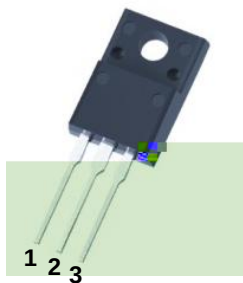
/ Applications

Ѓ_аˆˆ ˆ ˆ ˆ ˆ
General Purpose Application.

/ Equivalent Circuit



/ Pinning



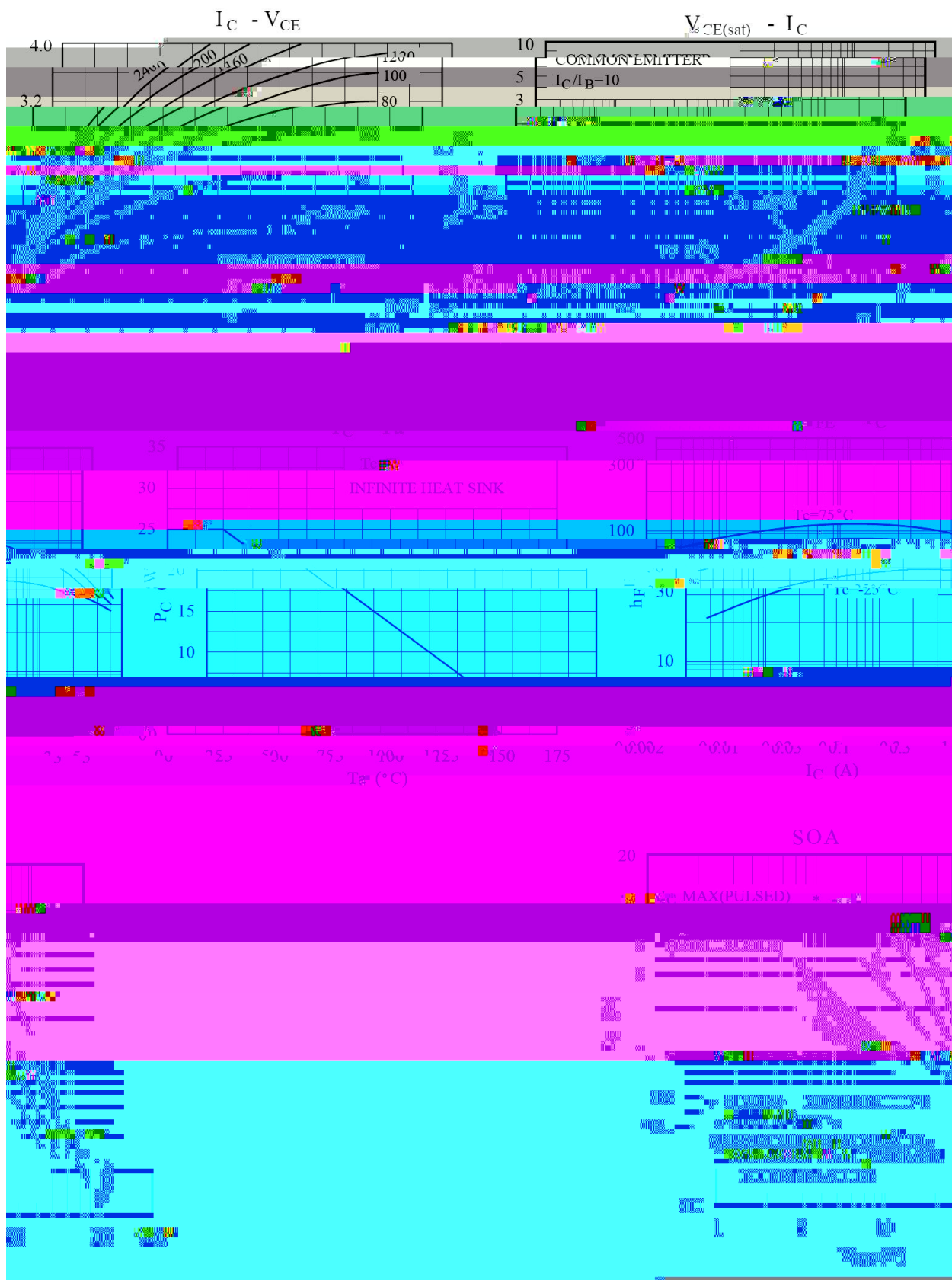
PIN1 χ Base PIN 2 χ Collector PIN 3 χ Emitter

/ h_{FE} Classifications & Marking

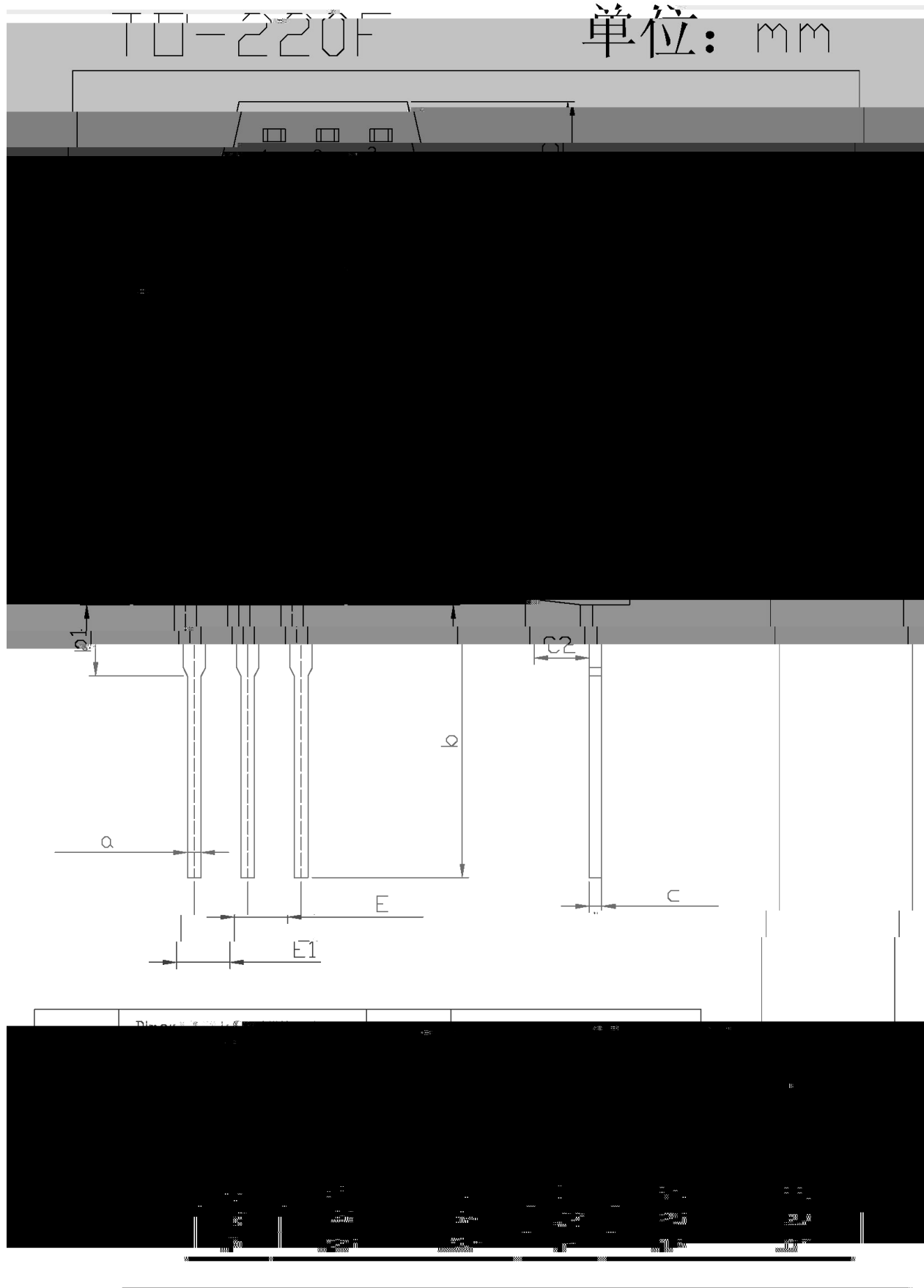
h_{FE} Classifications Symbol	R	O	Y
h_{FE} Range	40~80	70~140	120~240

Parameter	Symbol	Rating	Unit
Collector to Base Voltage	V_{CBO}	80	V

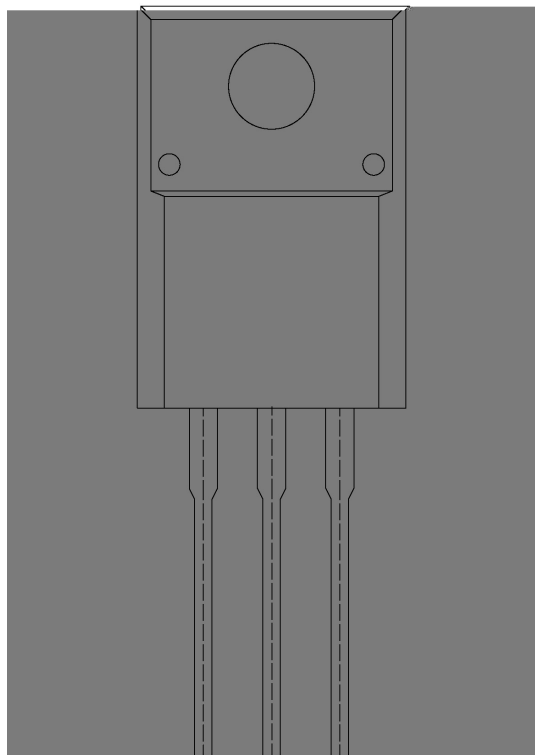
/ Electrical Characteristic Curve



/ Package Dimensions



/ Marking Instructions



— " X

EU X

G5393 X

U:

---- X

Note:

BR:

D2060:

R:

— 3 " Γ

— 3 " Γ

— 6 K Γ

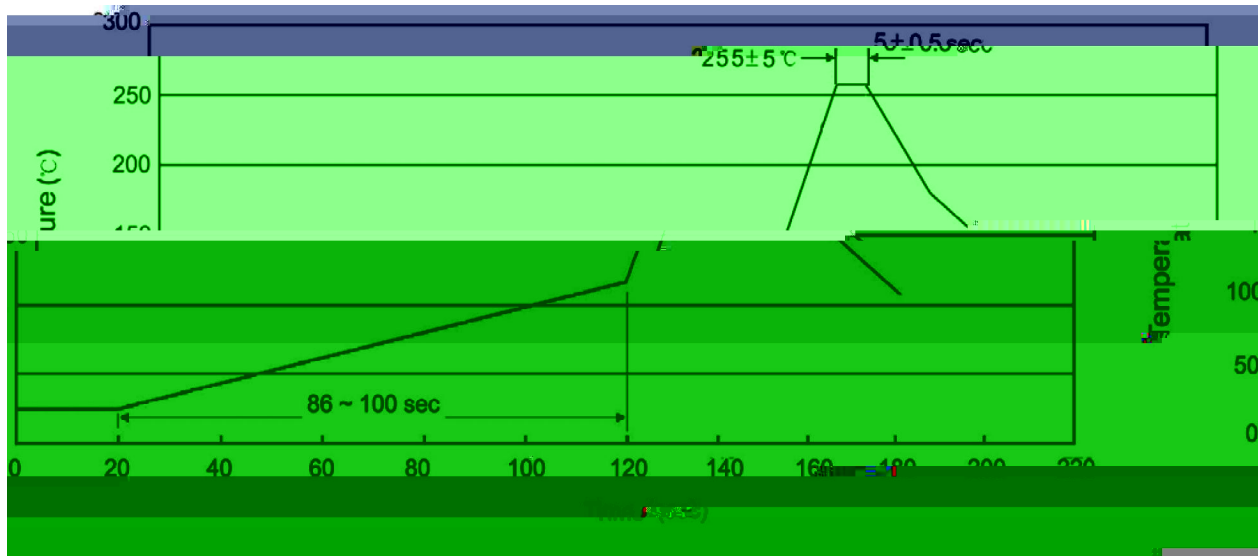
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Company Code.

Product Type.

h_{FE} Classifications Symbol.

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



说明

1. 预加热: 25~150℃, 时间: 60~90sec;
2. 峰值温度: 255±5℃, 时间: 5±0.5sec;
3. 冷却速度: 2~10℃/sec.

Note:

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

/ Resistance to Soldering Heat Test Conditions

温度: 270±5℃ 时间: 10±1 sec. Temp: 270±5 Time: 10±1 sec

/ Packaging SPEC.

散装 / BULK

Package Type	Units					Dimension (unit: mm3)		
	Units/Bag	Bags/Inner Box	Units/Inner Box	Inner Boxes/Outer Box	Units/Outer Box	Bag	Inner Box	Outer Box
TO-220F	200	10	2,000	5	10,000	135×190	237×172×102	560×245×195

管装 / TUBE

Package Type	Units					Dimension (unit: mm3)		
	Units/Tube	Tubes/Inner Box	Units/Inner Box	Inner Boxes/Outer Box	Units/Outer Box	Tube	Inner Box	Outer Box
TO-220F	50	20	1,000	5	5,000	532×31.4×5.5	555×164×50	575×290×180

/ Notices