KTB1366

Rev.F Mar.-2016

蓝箭电子 BLUE ROCKET ELECTRONICS

DATA SHEET

/ Descriptions

WR0553I ṂṂ Ł SQS ÆṀ ч s ‖ ㄱ Silicon PNP transistor in a TO-220F Plastic Package.

/ Features

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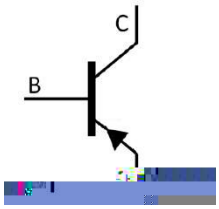
Low saturation voltage, complementary to KTD2058.

/ Applications

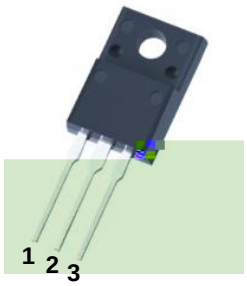
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General purpose amplifier.

/ Equivalent Circuit



/ Pinning



PIN1 χ Base PIN 2 χ Collector PIN 3 χ Emitter

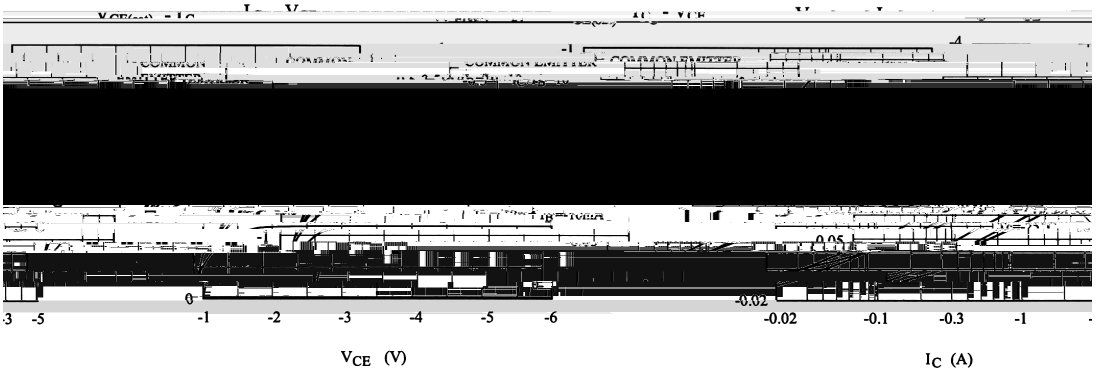
/ h_{FE} Classifications & Marking

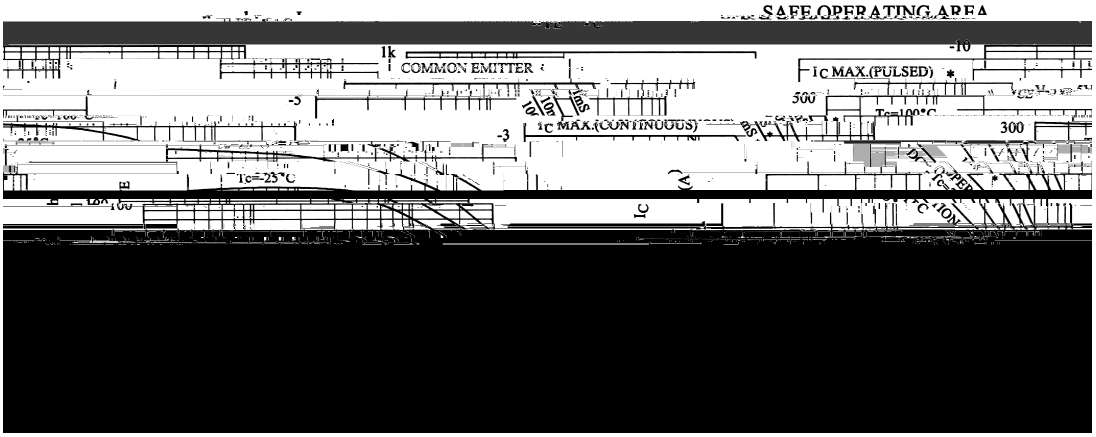
h_{FE} Classifications Symbol	O	Y
h_{FE} Range	60 120	100 200

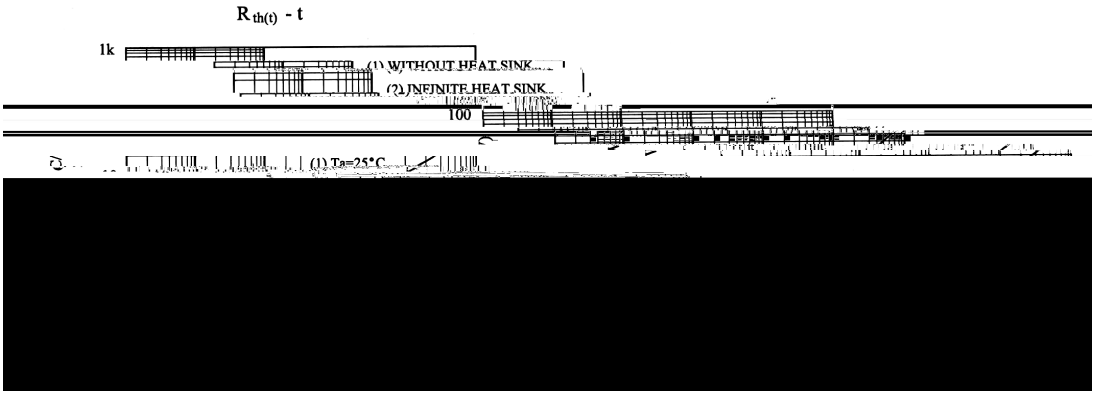
v ‴Ω Parameter	ϒ N Symbol	‴Ω Ö Rating	D Ч Unit
Collector to Base Voltage	V_{CBO}	-60	V
Collector to Emitter Voltage	V_{CEO}	-60	V
Emitter to Base Voltage	V_{EBO}	-7.0	V
Collector Current - Continuous	I_C	-3.0	A
Base Current	I_B	-0.5	A
Collector Power Dissipation	P_C	2.0	W
Collector Power Dissipation	P_C(Tc=25)	25	W
Junction Temperature	T_j	150	
Storage Temperature Range	T_{stg}	-55 150	

v ‴Ω Parameter	ϒ N Symbol

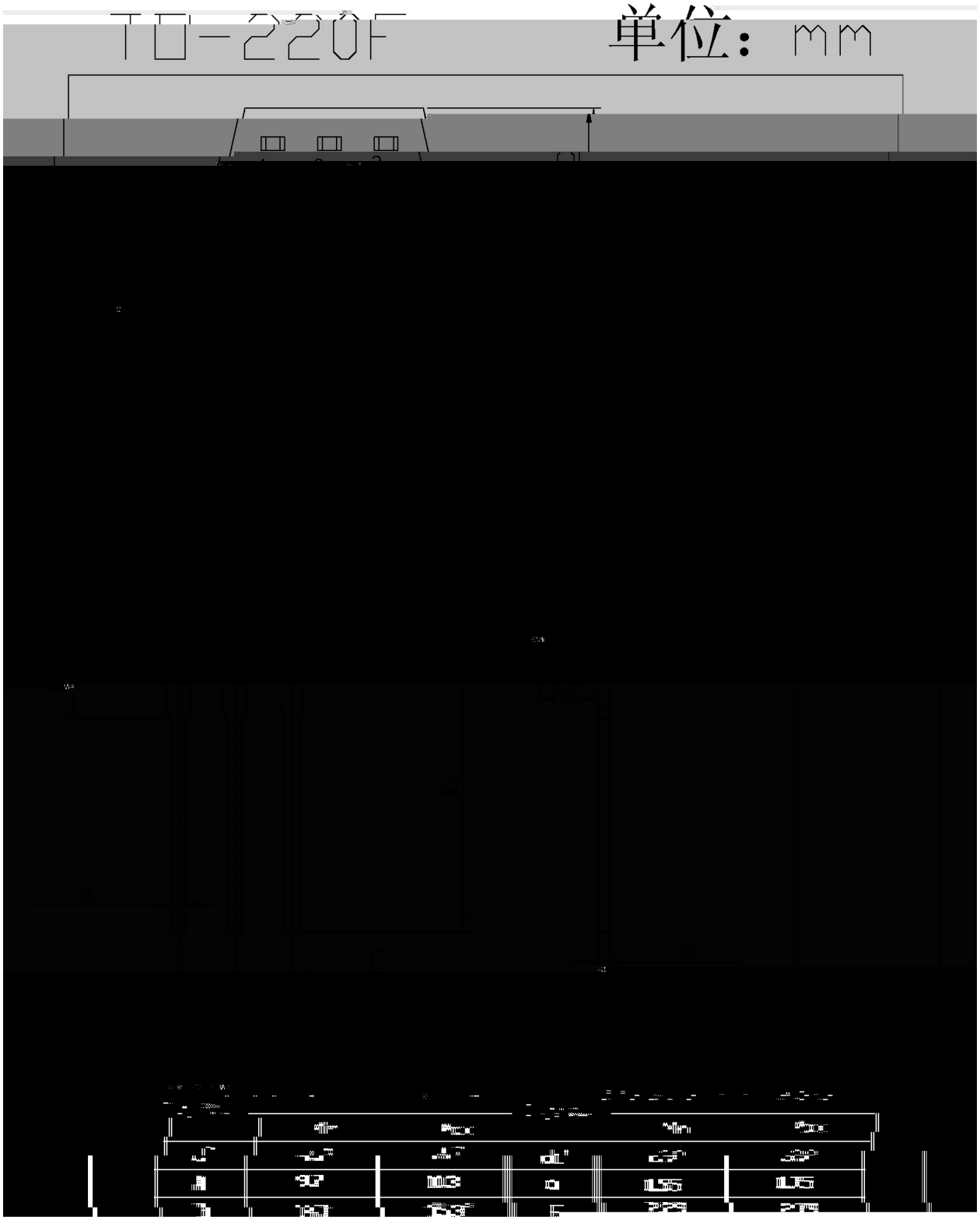
/ Electrical Characteristic Curve



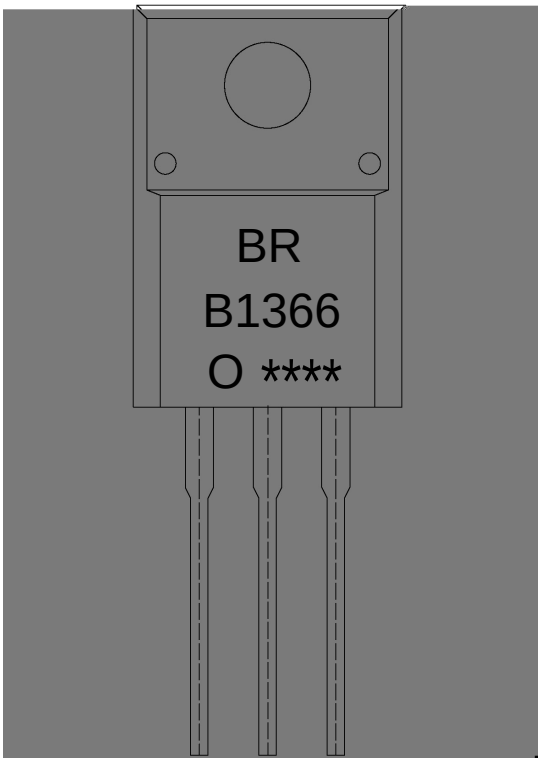




/ Package Dimensions



/ Marking Instructions

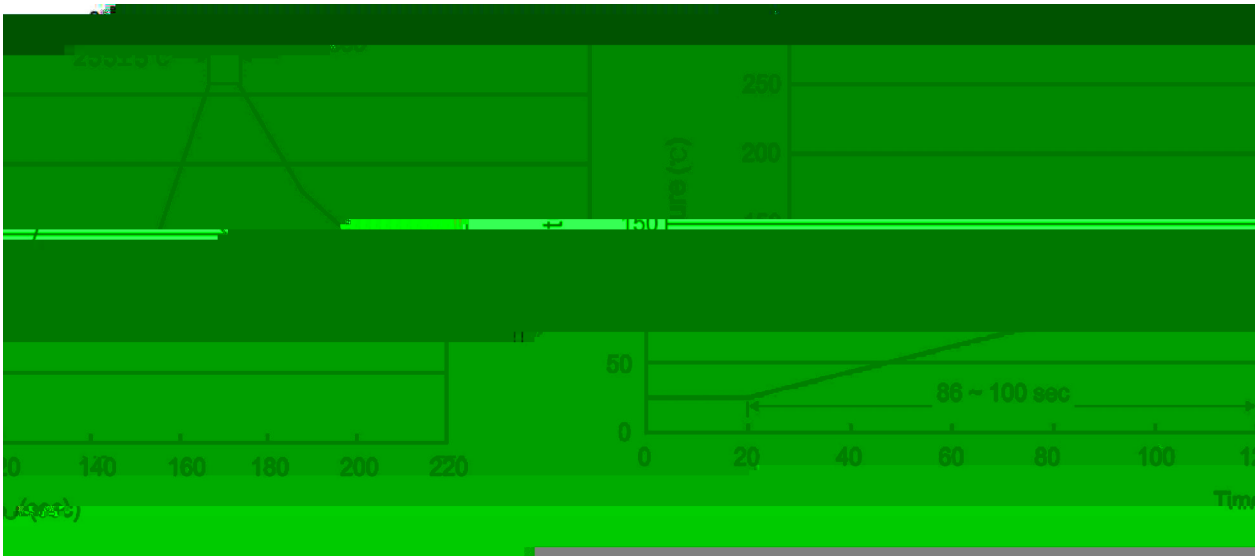


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BR χ	ѭ ϗ ˥ Ђ
B1366 χ	ѭ ϳ ᴺ Ђ
O:	ѭ h_{FE} ʿ ⁶ Ђ
**** χ	ѭ ˪ ғ ӈ ᴺ Ђ ˪ ҿ ˪ ғ ӈ ᴺ Ψ ҏ

Note:

BR:	Company Code.
B1366:	Product Type.
O:	h_{FE} Classifications Symbol.
****:	Lot No. Code, code change with Lot No.

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



ب ˝ χ

1 Ĺ ♬ □ ỷ 25 Ḱ 150 ɬ ı ˋH ڑ 60 Ḱ 90sec;

2 Š Ө □ ỷ 255 ° 5 ɬ ı ˋH ڑ ˋY ﾊ ㎛ 5 ° 0.5sec;

3 ì ˙ ﾘ ˛ ɔ ﻉ ỷ ㎛ 2 Ḱ 10 ɬ /sec.

Note:

1.Preheating:25~150 ɬ , Time:60~90sec.

2.Peak Temp.:255 ° 5 ɬ , Duration:5 ° 0.5sec.

3. Cooling Speed: 2~10 ɬ /sec.

/ Resistance to Soldering Heat Test Conditions

□ ỷ χ 270 ° 5 ɬ	ˋH ڑ χ 10 ° 1 sec.	Temp:270±5	Time:10±1 sec

/ Packaging SPEC.

ˇQ ɽ ﾚ Ŀ / 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