KSD362

Rev. H Oct.-2018

蓝箭电子 BLUE ROCKET ELECTRONICS

DATA SHEET

/ Descriptions

WR0553 ṂṂ Ŀ QSQ ÆṀ ч s ‖ ㄱ Silicon NPN transistor in a TO-220 Plastic Package.

/ Features

F0E ɔ я ᓬ ε Y_{FER}@483Y ζı ﻭ ɔ ‖ ɔ ╙ ᶻ ε L_F@8D ζ

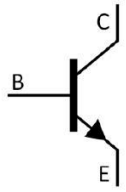
High Collector-Base Voltage, High Collector Current.

/ Applications

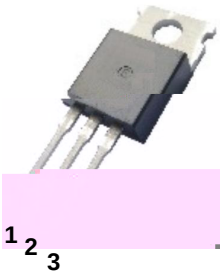
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B/W TV horizontal deflection output.

/ Equivalent Circuit



/ Pinning



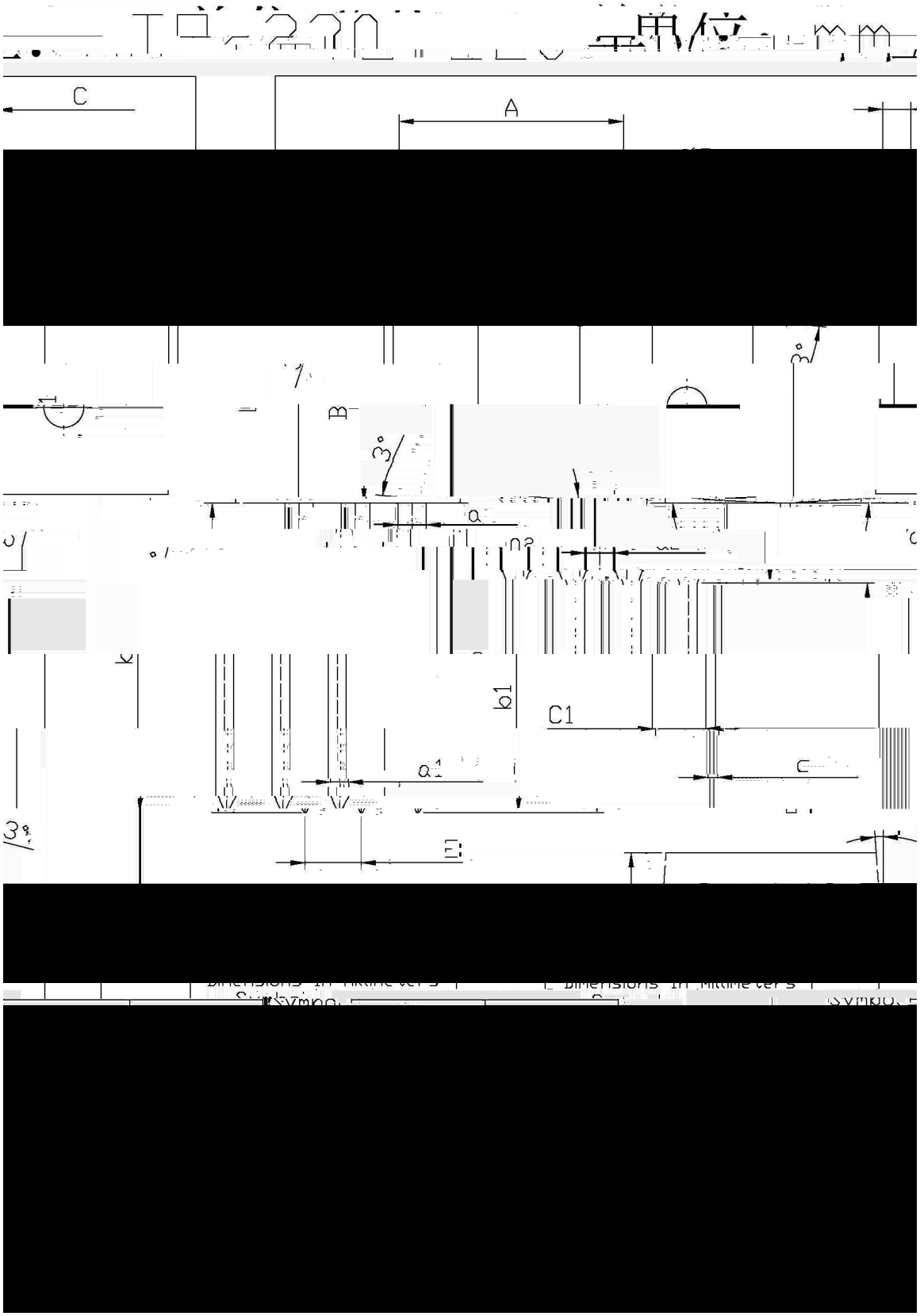
PIN1 χ Base PIN 2 χ Collector PIN 3 χ Emitter

/ h_{FE} Classifications & Marking

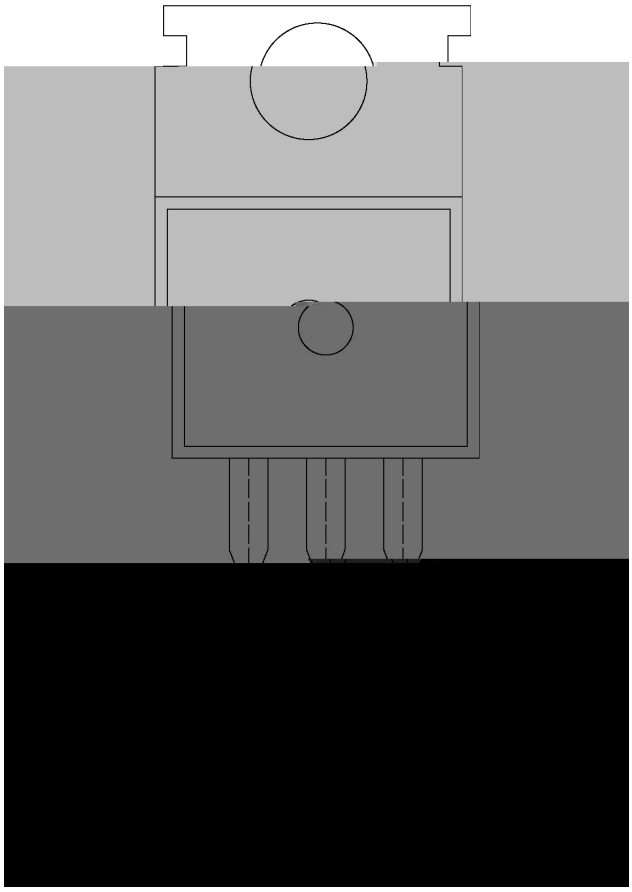
h_{FE} Classifications Symbol	N	R	O
h_{FE} Range	20 50	40 80	70 140

/ Electrical Characteristic Curve

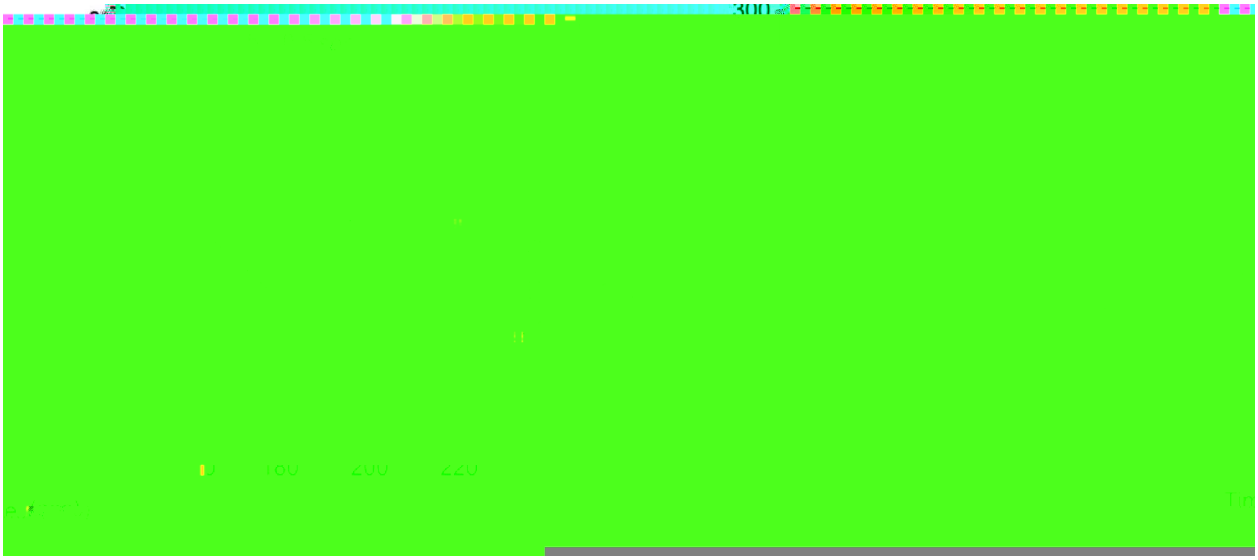
/ Package Dimensions



/ Marking Instructions



( ) / 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 ヵ ㎞ 5 ° 0.5sec;

3 ì ˙ ヽ ˛ ɔ ଌ 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.

ˇΩ ţ ɣ Ь BULK

Package Type 封装形式	Units 包装					Dimension 包装尺寸 (Unit: mm³)		
	Units/Bag 只/袋	Bags/Inner Box 袋	Units/Inner Box 只	Inner Boxes/Outer Box 只/	Units/Outer Box 只/	Bag 袋	Inner Box	Outer Box
TO-220/F	200	10	2,000	5	10,000	135×190	237×172×102	560×245×195

˝ ヿ ɣ Ь TUBE

Package Type 封装形式	Units 包装					Dimension 包装尺寸 (Unit: mm³)		
	Units/Tube 只/套	Tubes/Inner Box 套	Units/Inner Box 只	Inner Boxes/Outer Box 只/	Units/Outer Box 只/	Tube 套	Inner Box 只	Outer Box
TO-220/F								