

/ Descriptions

WR0553 ММ QSQ æ Ñ ç s ll 1 Silicon NPN transistor in a TO-220 Plastic Package.

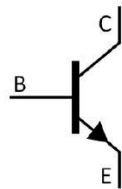
/ Features

F0E ð я ε Y_{FER}@483Y ζι ð ll ð ll 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

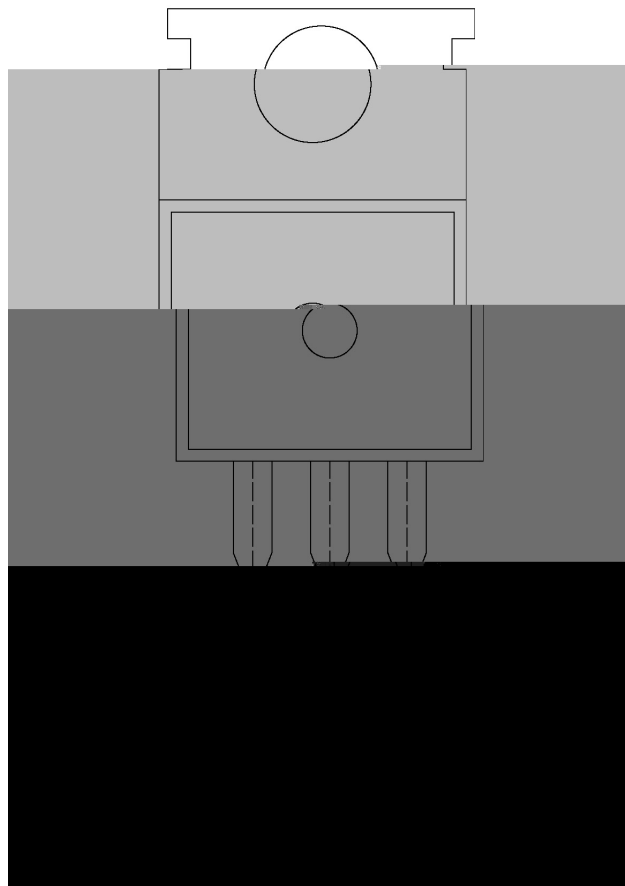
/ h_{FE} Classifications & Marking

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

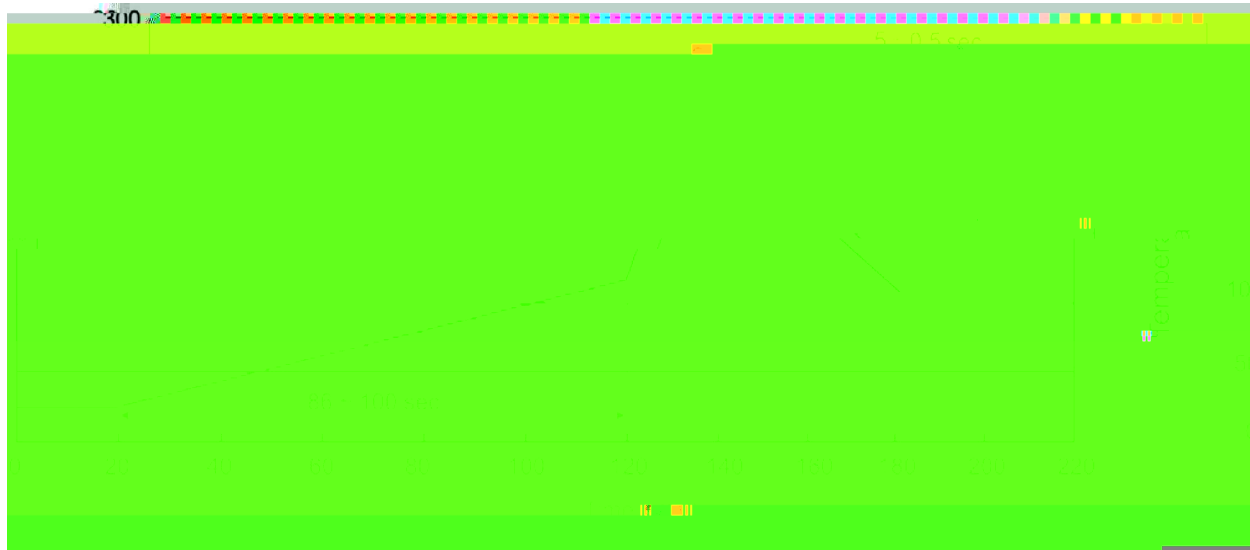
/ Electrical Characteristic Curve

Technical drawing of a mechanical part, likely a shaft or axle, showing a cross-section and a side view. The cross-section is a circle with a central hole. The side view shows a shaft with a central hole and a flange. Dimensions are labeled: A (total length), B (flange thickness), C (flange diameter), a (hole diameter), b1 (flange width), c1 (flange width), and c (flange diameter). A 30-degree angle is indicated on the flange face.

/ Marking Instructions



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



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.

- Note:
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/ Resistance to Soldering Heat Test Conditions

Temp.: 270 ± 5 °C, Time: 10 ± 1 sec.

/ Packaging SPEC.

BULK

Package Type 封装形式	Units 包					Dimension 包尺寸 (Unit: mm ³)		
	Units/Bag 只/袋	Bags/Inner Box 袋/箱	Units/Inner Box 只/箱	Inner Boxes/Outer Box 箱/箱	Units/Outer Box 只/箱	Bag 袋	Inner Box 箱	Outer Box 箱
TO-220/F	200	10	2,000	5	10,000	135×190	237×172×102	560×245×195

TUBE

Package Type 封装形式	Units 包					Dimension 包尺寸 (Unit: mm ³)		
	Units/Tube 只/套	Tubes/Inner Box 套/箱	Units/Inner Box 只/箱	Inner Boxes/Outer Box 箱/箱	Units/Outer Box 只/箱	Tube 套	Inner Box 箱	Outer Box 箱
TO-220/F								