

/ Descriptions

KF \$))' E GE Silicon NPN transistor in a TO-220 Plastic Package.

/ Features

: \$9 M 9F 4 (, ' M @4, 8
High Collector-Base Voltage, High Collector Current.

/ Applications

B/W TV horizontal deflection output.

/ Equivalent Circuit



/ Pinning



PIN1 Base PIN 2 Collector PIN 3 Emitter

/ h_{FE} Classifications & Marking

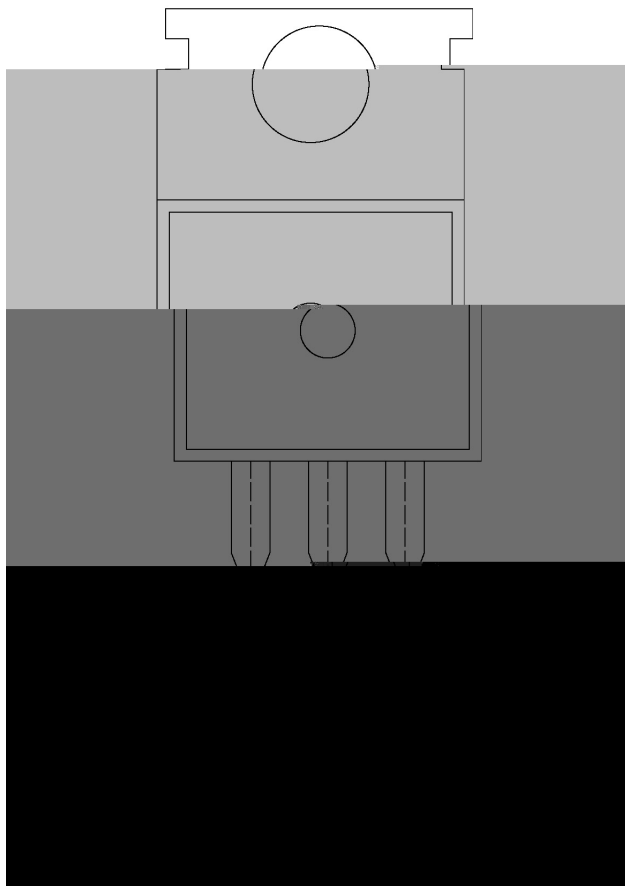
h _{FE} Classifications Symbol	N	R	O
h _{FE} Range	20 50	40 80	70 140

/ Electrical Characteristic Curve

/ Package Dimensions



/ Marking Instructions



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



Note:

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

/ Resistance to Soldering Heat Test Conditions

270..5 10..1 sec. Temp.:270±5 Time:10±1 sec

/ Packaging SPEC.

BULK

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