

/ Descriptions

KF \$0) GE G Silicon PNP transistor in a TO-92 Plastic Package.

/ Features

#_=< #M <g>Xkz
High total dissipation, high h_{FE} and low $V_{CE(sat)}$.

/ Applications

Output stage of portable radio and cassette type tape recorder, general purpose applications.

/ Equivalent Circuit



/ Pinning



PIN1 Base PIN 2 Collector PIN 3 Emitter

/ h_{FE} Classifications & Marking

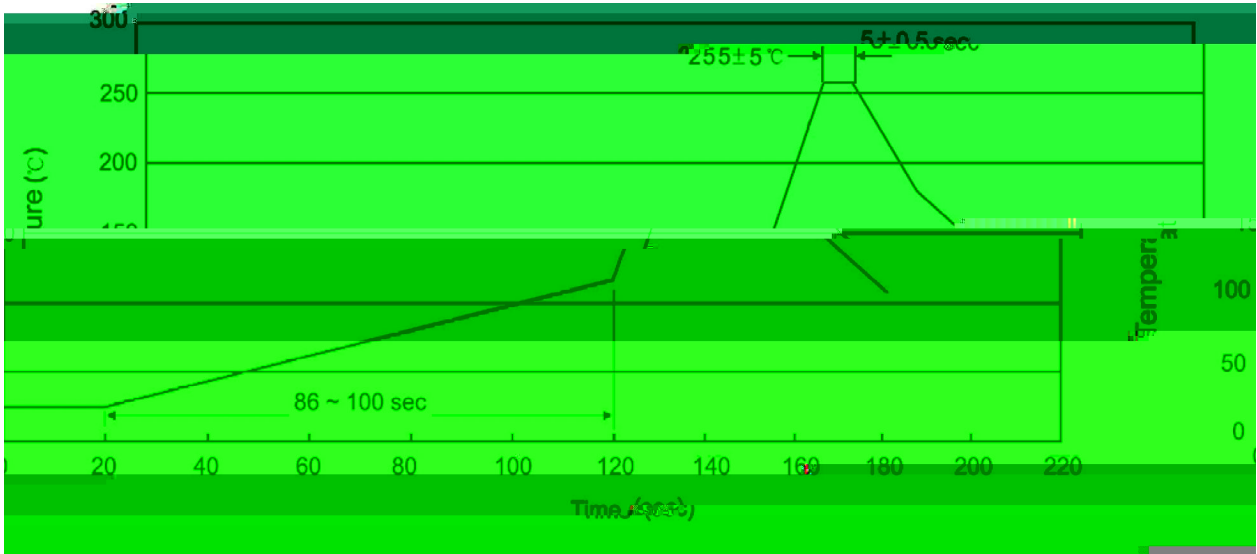
h_{FE} Classifications Symbol	M	L	K
h_{FE} Range	90~180	135~270	200~400

Parameter	Symbol	Rating	Unit
Collector to Base Voltage	V_{CBO}	-30	V
Collector to Emitter Voltage	V_{CEO}	-25	V
Emitter to Base Voltage	V_{EBO}	-5.0	V
Collector Current - Continuous	I_C	-700	mA
Base Current – Continuous	I_B	-150	mA
Collector Power Dissipation	P_C	600	mW
Junction Temperature	T_j	150	
Storage Temperature Range	T_{stg}	-55 150	

/ **Electrical Characteristic Curve**

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



- | | | | | | | |
|---|--------|-----|------------|----------|---|--------------------------------------|
| 1 | 25 | 150 | 60 | 90sec; | Note: | 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

7.()20sec10 Package Type Units Dimension (unit mm3)