

/ Descriptions

Silicon NPN transistor in a SOT-89 Plastic Package.

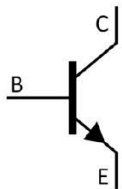
/ Features

Small flat package, complementary to KTA1663.

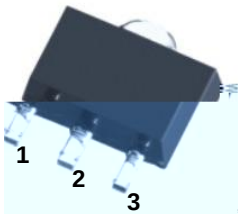
/ Applications

High current application.

/ Equivalent Circuit



/ Pinning



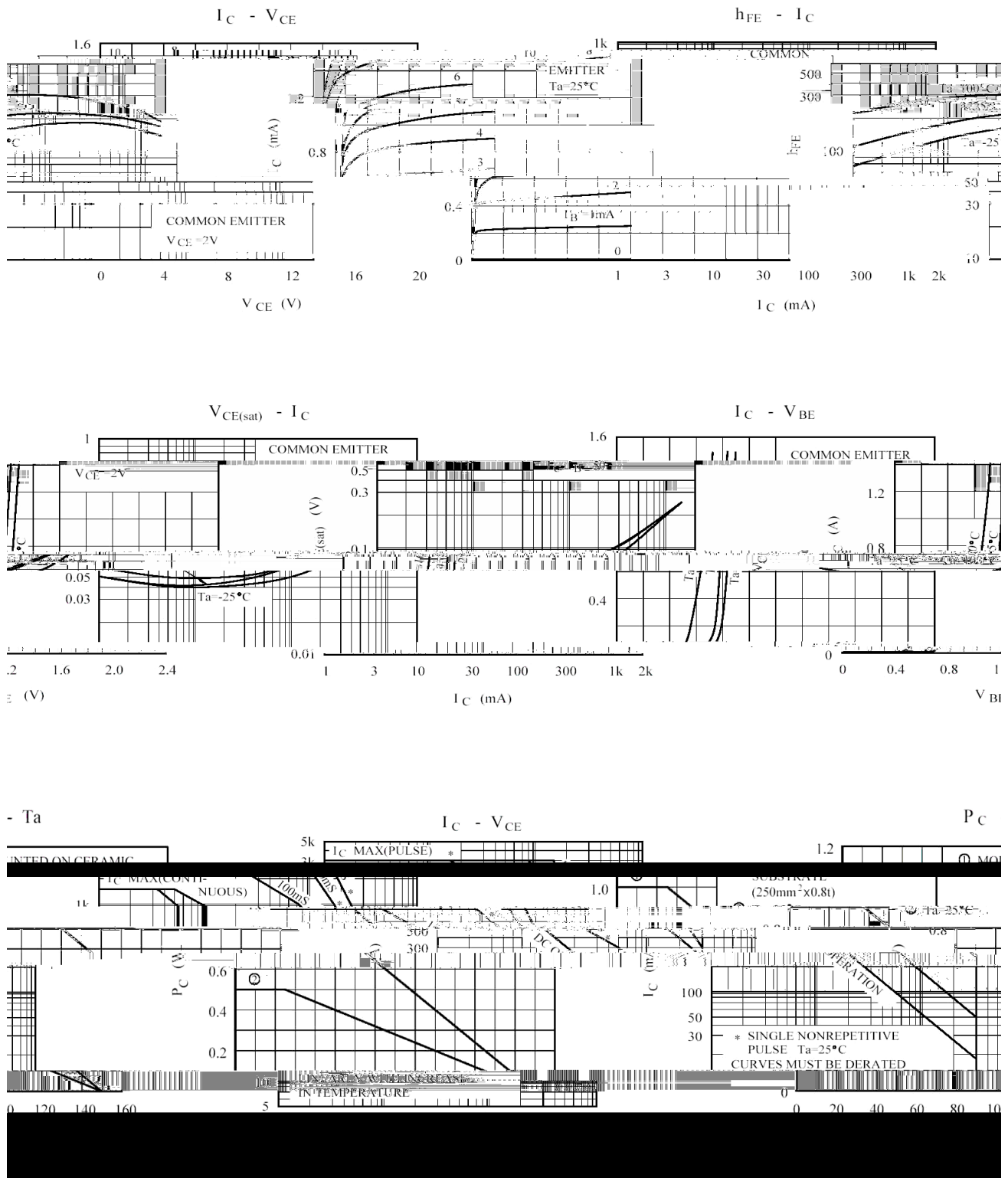
PIN1 Base PIN 2 Collector PIN 3 Emitter

/ Marking

h_{FE} Classifications Symbol	O	Y
h_{FE} Range	100 200	160 320
Marking	HGO *	HGY *

Parameter	Symbol	Rating	Unit
Collector to Base Voltage	V_{CBO}	30	V
Collector to Emitter Voltage	V_{CEO}	30	V
Emitter to Base Voltage	V_{EBO}	5.0	V
Collector Current - Continuous	I_C	1.5	A
Collector Base – Continuous	I_B	0.3	A
Collector Power Dissipation	P_C	500	mW
Collector Power Dissipation*	* P_C	1.0	W
Junction Temperature	T_j	150	°C

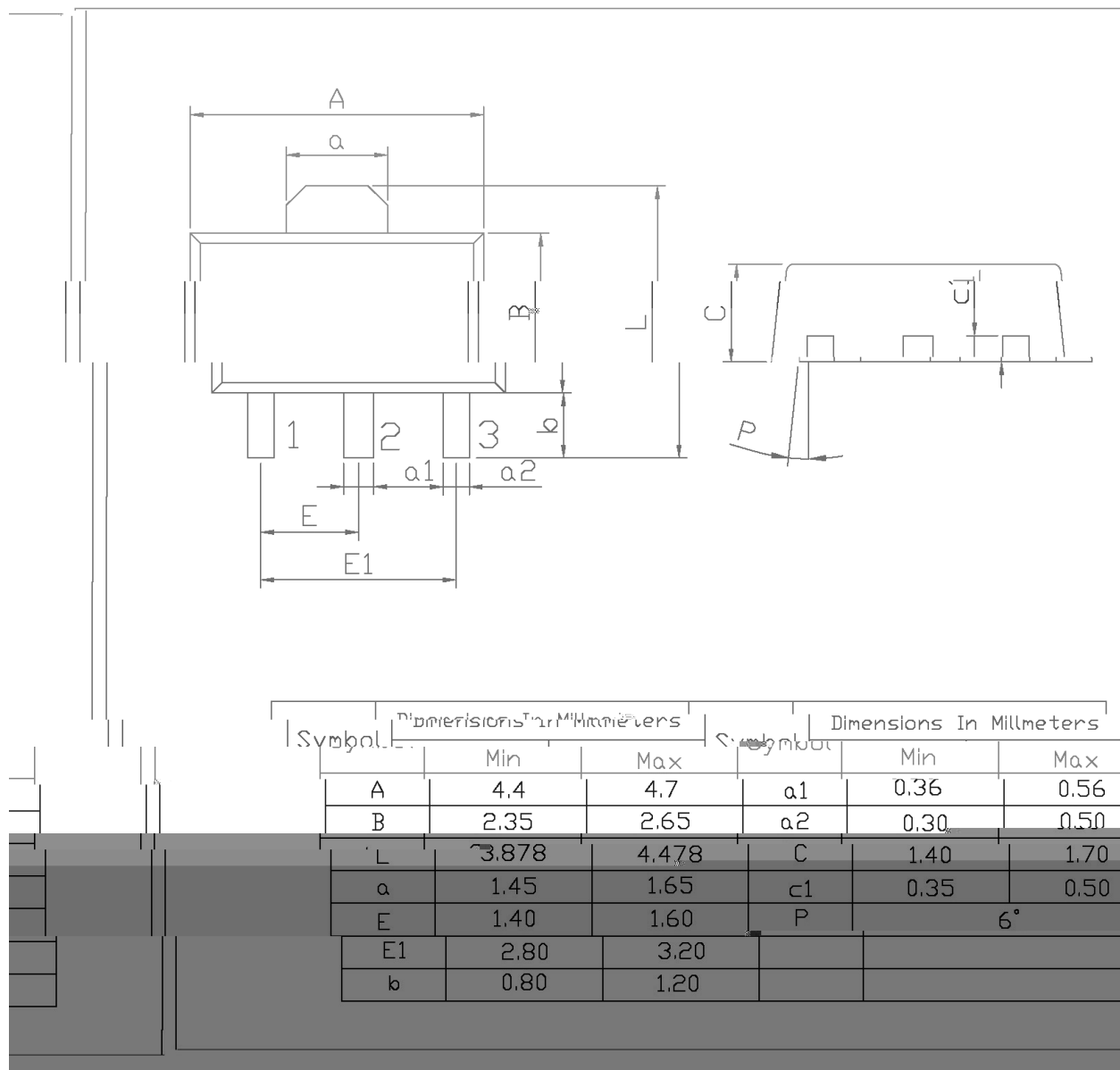
/ Electrical Characteristic Curve



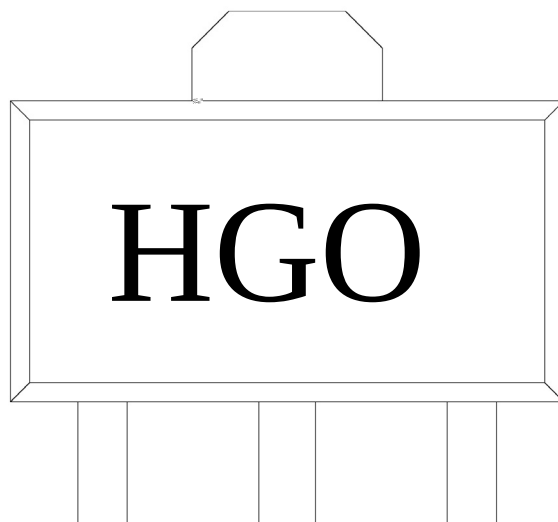
/ Package Dimensions

图例: 84

单位: mm



/ Marking Instructions



H
G
O h_{FE}

Note:

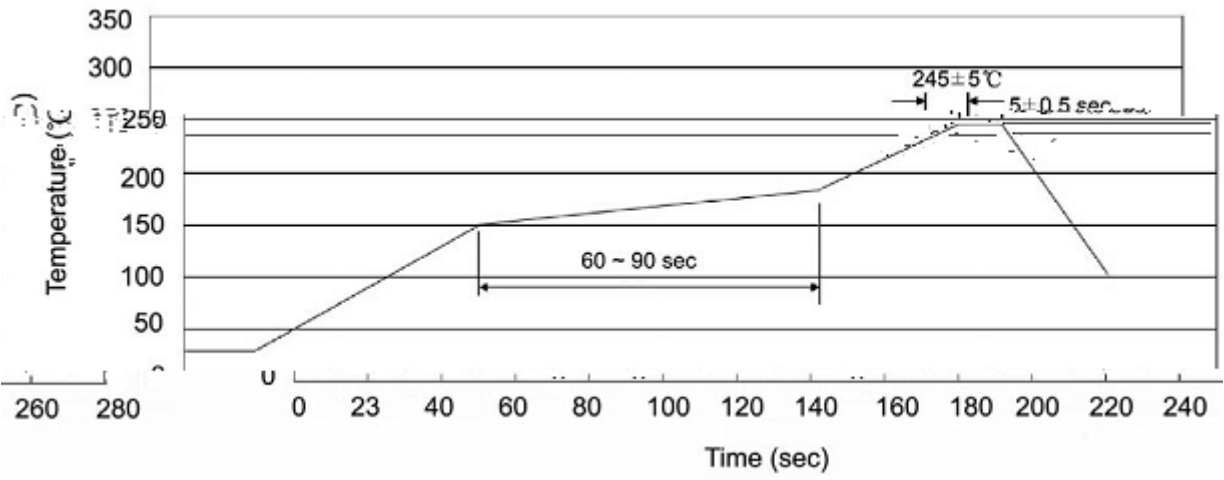
H: Company Code.

G: Product Type.

O h_{FE} Classifications Symbol

** : Lot No. Code, code change with Lot No.

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Note:

- 1

25 150

60 90sec;
- 2

245 5

5 0.5sec;
- 3

2 10 /sec.
- 1.Preheating:25~150 , Time:60~90sec.

2.Peak Temp.:245 5 , Duration:5 0.5sec.

3. Cooling Speed: 2~10 /sec.

/ Resistance to Soldering Heat Test Conditions

260 5 10 1 sec. Temp.:260±5℃ Time:10±1 sec

/ Packaging SPEC.

/ REEL

Package Type	Units					Dimension		(unit mm ³)

/ Notices