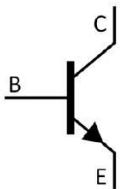


Rev.E Mar.-2016

Silicon NPN transistor in a SOT-89 Plastic Package.

Small flat package, complementary to KTA1663.

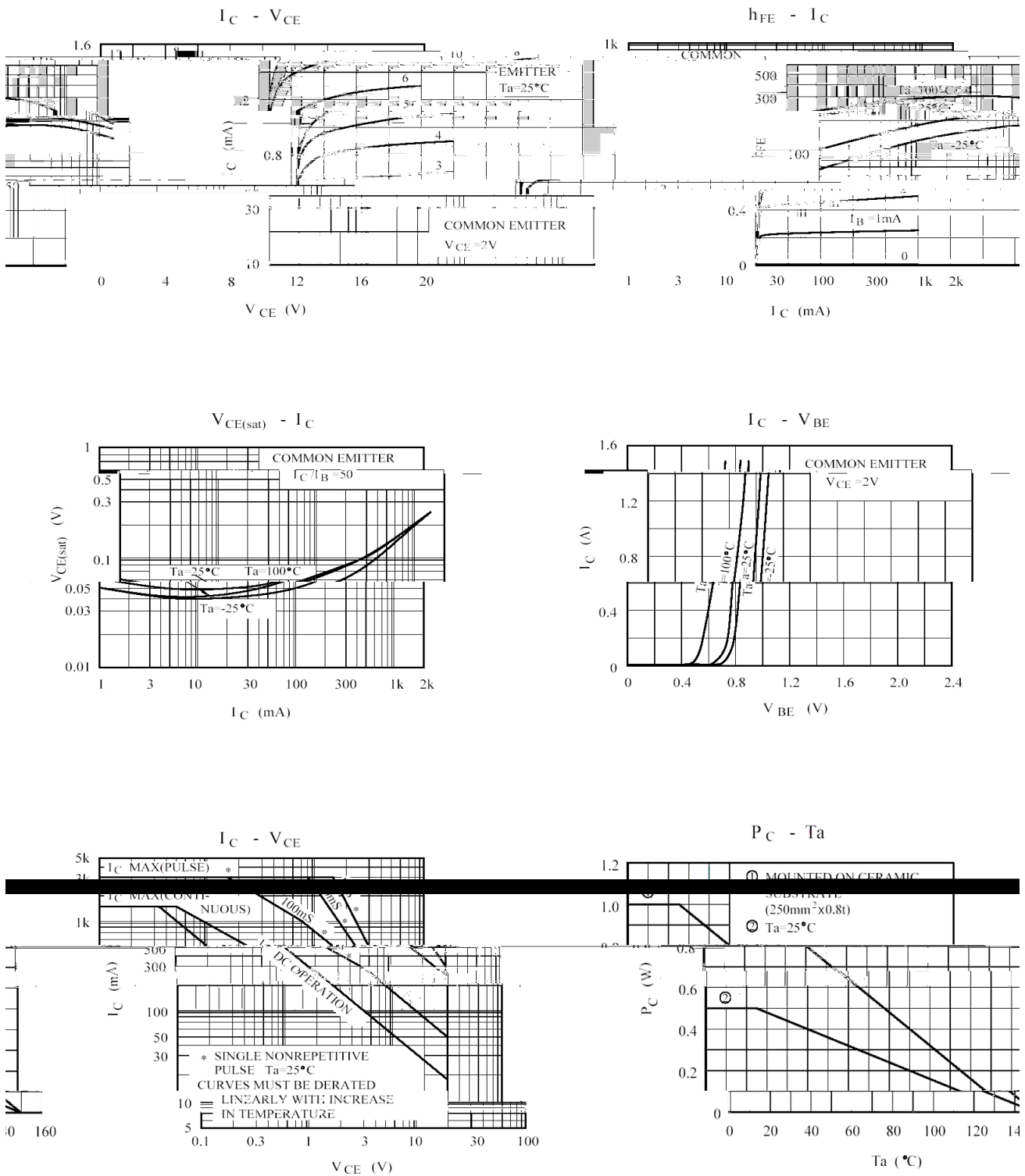
High current application.



PIN 1 Base PIN 2 Collector PIN 3 Emitter

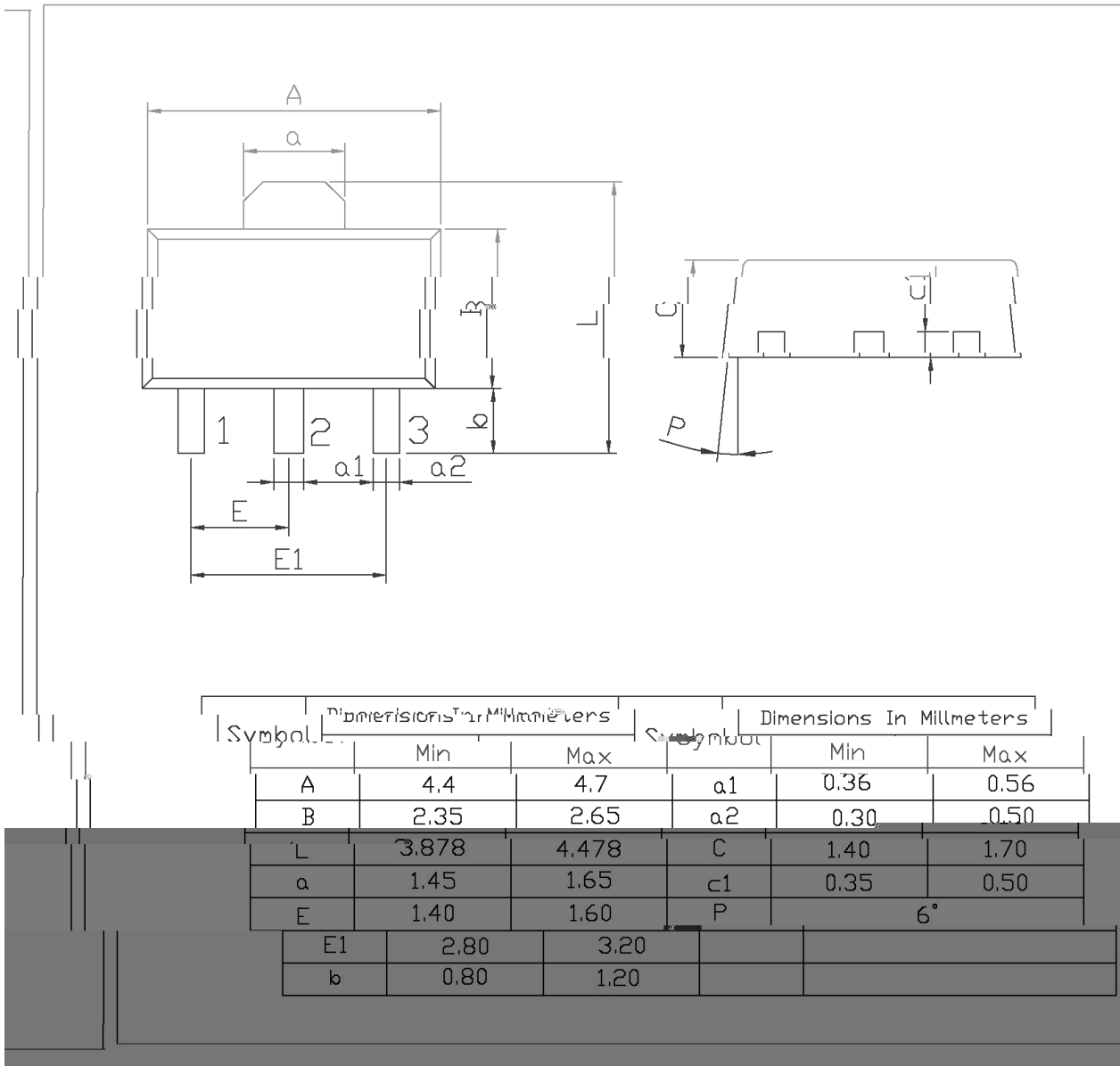
h_{FE} Classifications Symbol	O	Y
h_{FE} Range	100 200	160 320
Marking	HGO * *	HGY * *

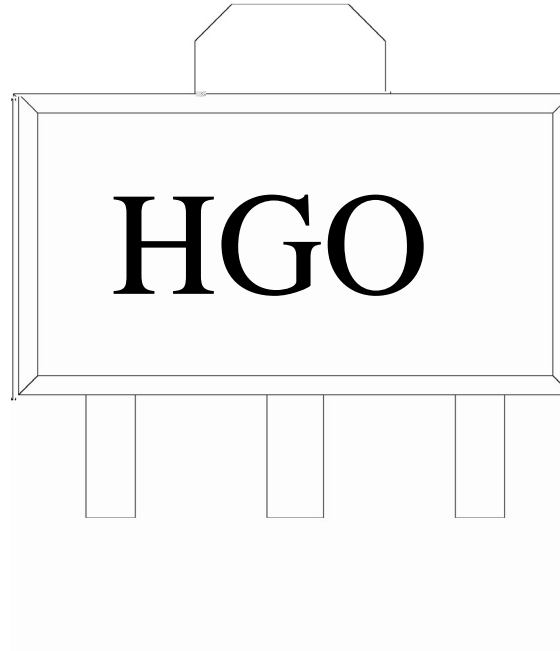
Parameter	Symbol	Rating	Unit
Collector to Base Voltage	V_{CBO}	30	V
Collector to Emitter Voltage	V_{CEO}	30	V
Emitter to Base Voltage	V_{EBO}	5.0	V
Collector Current - Continuous	I_C	1.5	A
Collector Base – Continuous	I_B	0.3	A
Collector Power Dissipation	P_C	500	mW
Collector Power Dissipation*	* P_C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



1.501.84

单位: mm





H
G
O h_{FE}

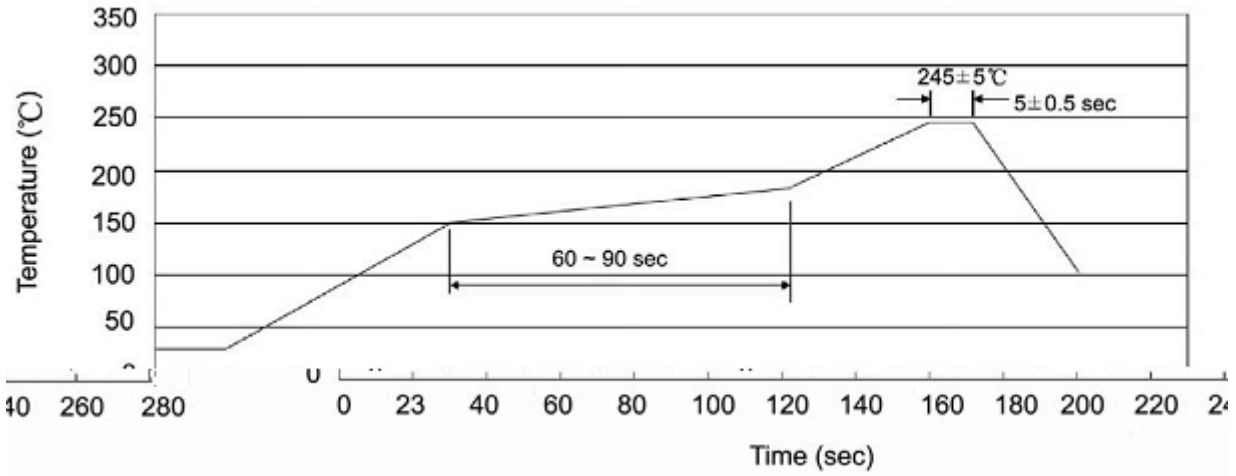
Note:

H: Company Code.

G: Product Type.

O h_{FE} Classifications Symbol

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

Temperature Profile for IR Reflow Soldering (Pb-Free)


Note:

- | | | | | | |
|---|-----|-----|----|----------|---|
| 1 | 25 | 150 | 60 | 90sec; | 1.Preheating:25~150 , Time:60~90sec. |
| 2 | 245 | 5 | 5 | 0.5sec; | 2.Peak Temp.:245 5 , Duration:5 0.5sec. |
| 3 | | | 2 | 10 /sec. | 3. Cooling Speed: 2~10 /sec. |

260	5	10	1 sec.	Temp.:260±5°C	Time:10±1 sec
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/ REEL

Package Type	Units					Dimension (unit mm ³)		