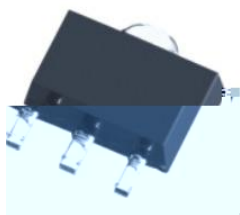
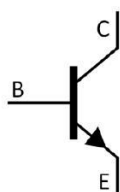


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SOT-89 NPN Silicon NPN transistor in a SOT-89 Plastic Package.

, KTA1663
 Small flat package, complementary to KTA1663.

High current application.

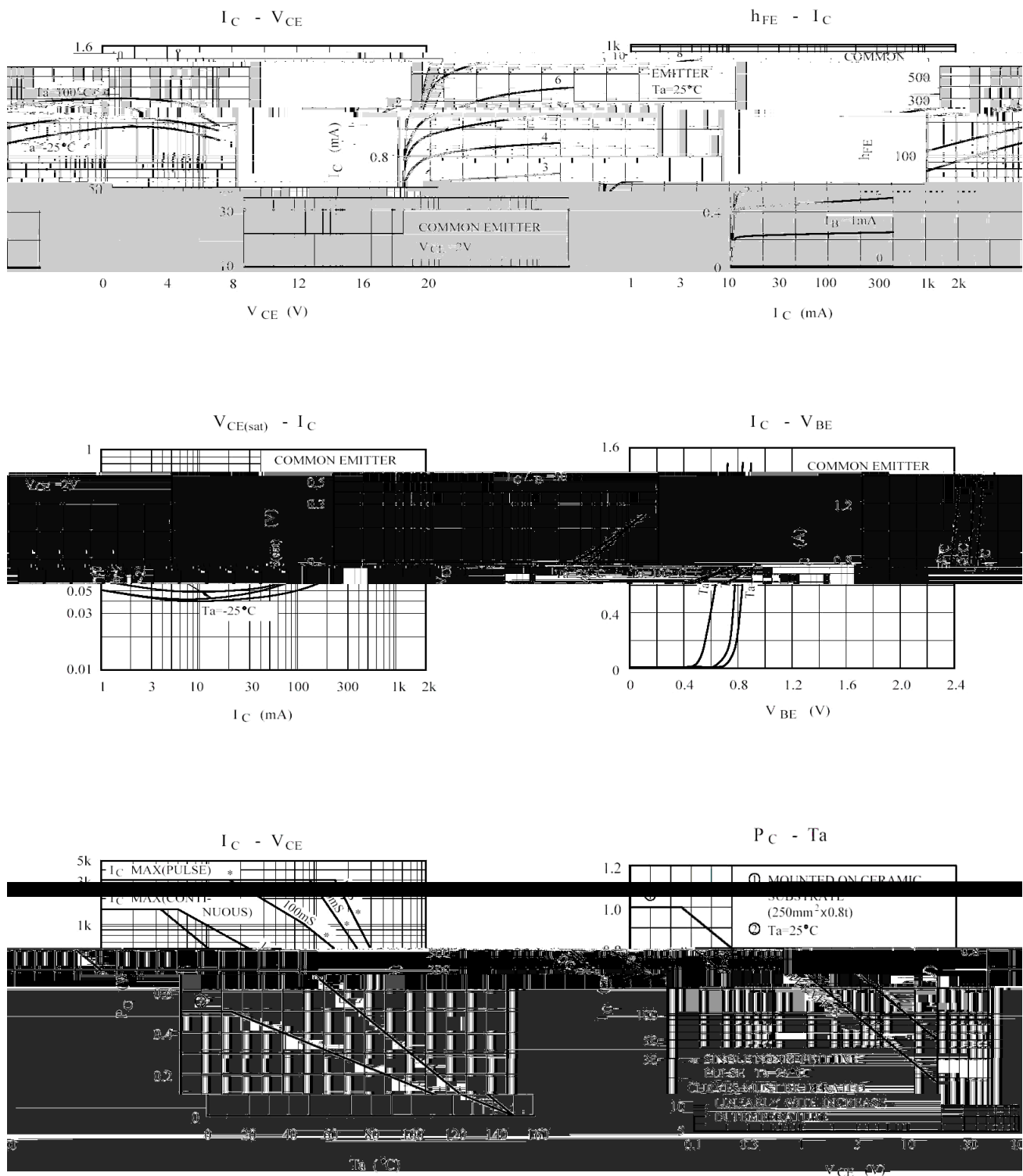


PIN1 Base PIN 2 Collector PIN 3 Emitter

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

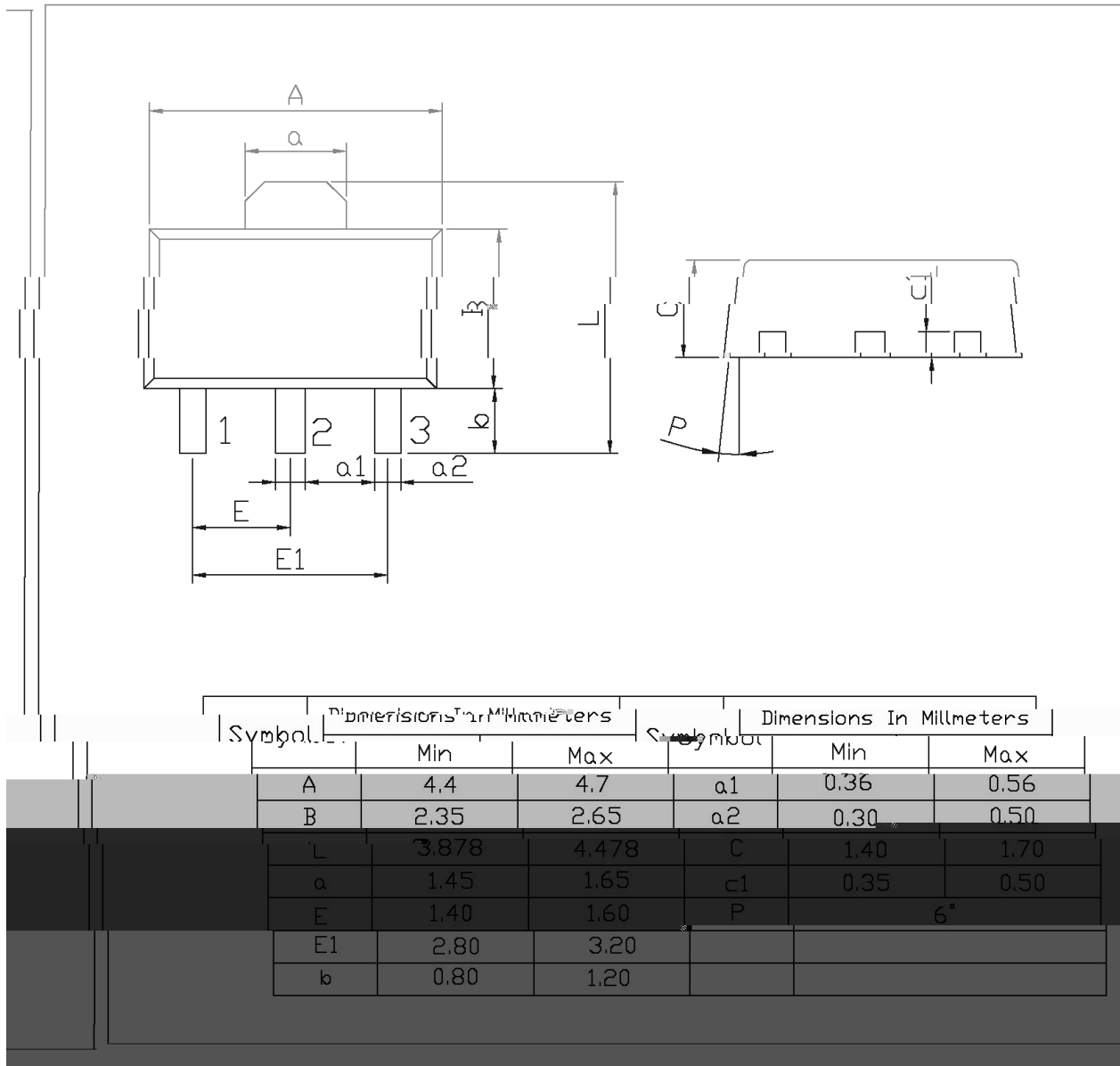
Parameter	Sym			
Collector to Base Voltage	V_{CB}			
Collector to Emitter Voltage	V_{CE}			
Emitter to Base Voltage	V_{EB}			
Collector Current - Continuous	I_C			
Collector Base – Continuous	I_B			
Collector Power Dissipation	P_C			
Collector Power Dissipation*	* P_C			
Junction Temperature	T_j	150	°C	Junction Te8 r51

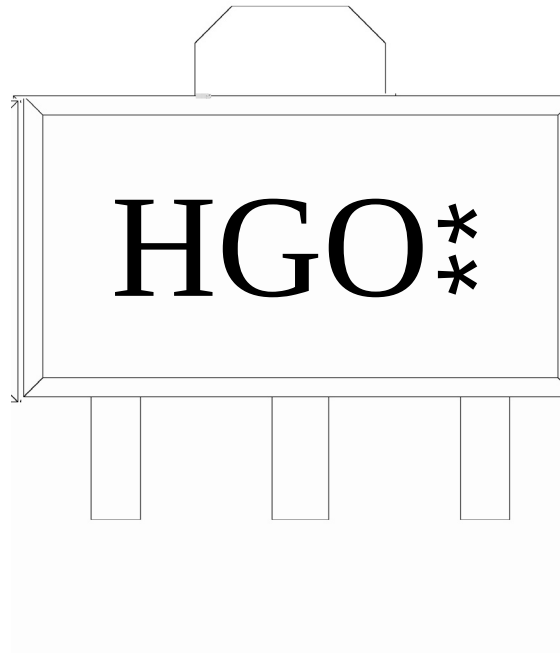
Rev.E Mar.-2016



1.501-89

单位: mm





H

G

O

h_{FE}

**

Note:

H: Company Code.

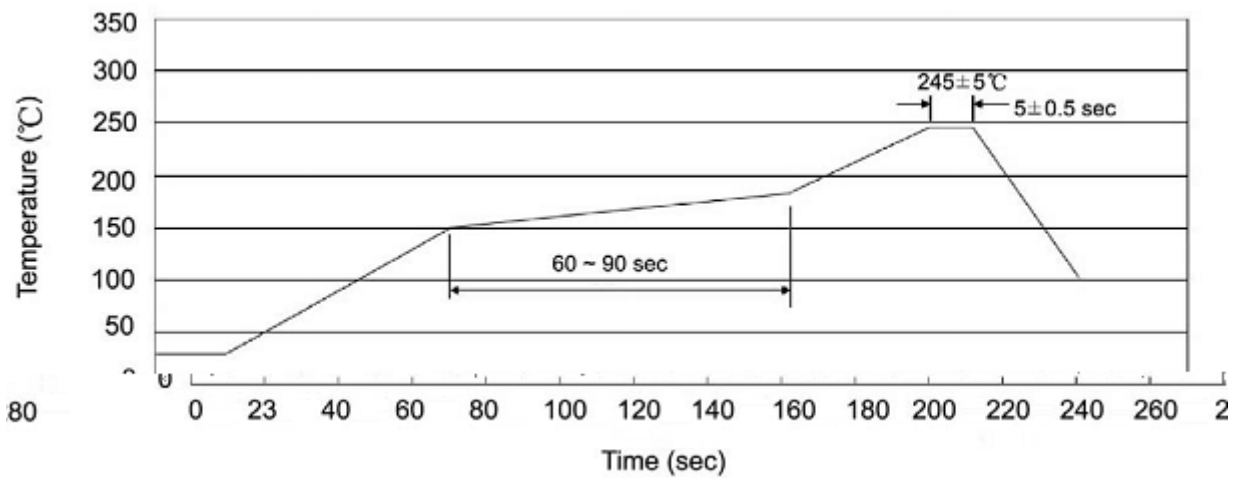
G: Product Type.

O h_{FE} Classifications Symbol

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

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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℃	Time:10±1 sec
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/ REEL

Package Type	Units					Dimension		(unit mm ³)