

/ Revised record

G	2020-7-28	1			

/ Descriptions

SOT-23

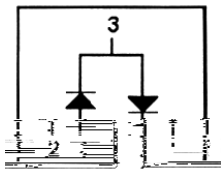
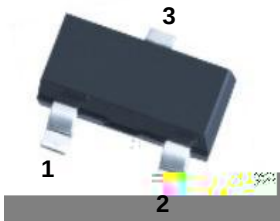
Silicon Diode in a SOT-23 Plastic Package.

/ Features

Small signal diode.HF Product.

/ Applications

High Conductance Ultra Fast Diode.

/ Equivalent Circuit**/ Pinning**

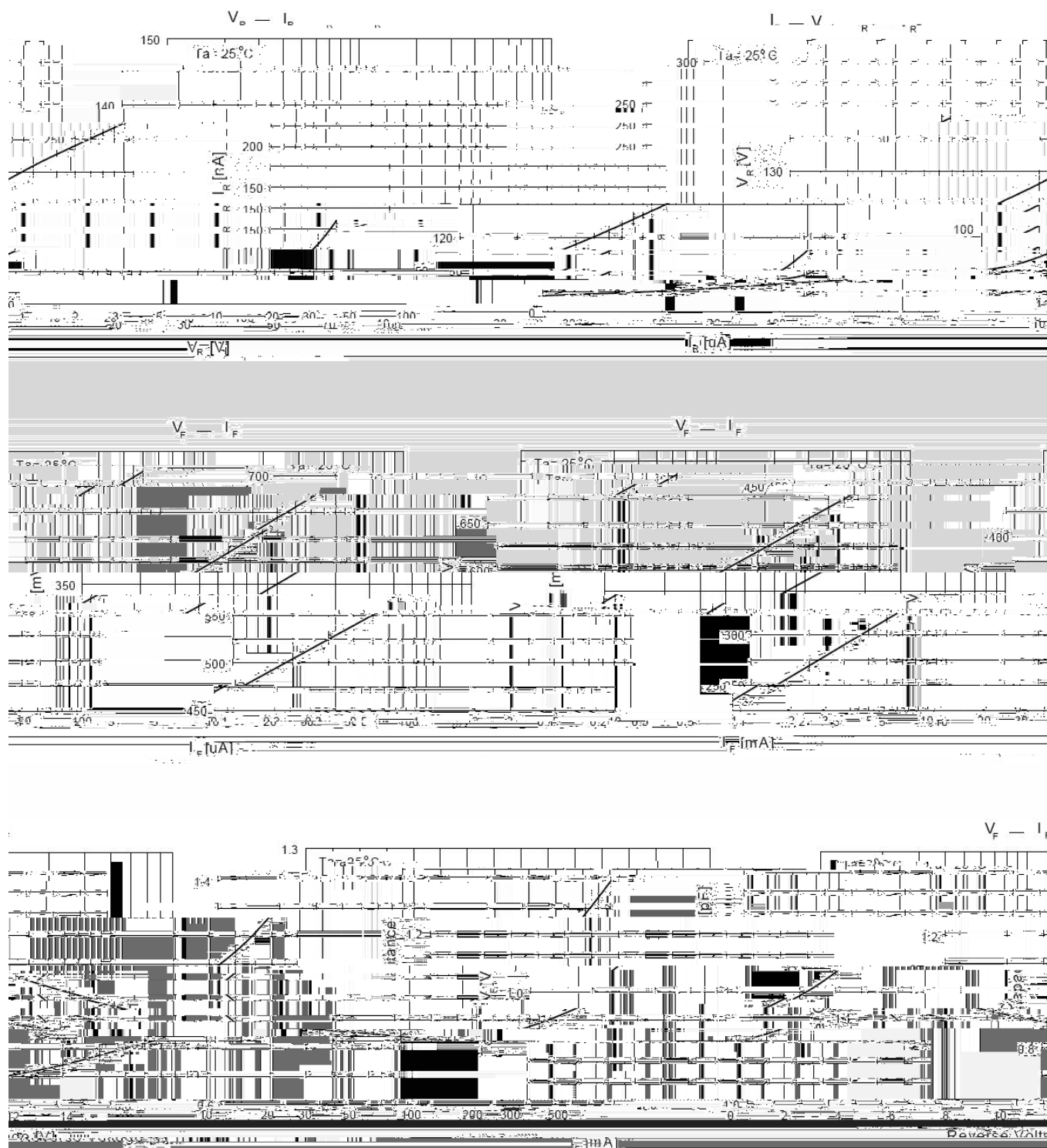
PIN: See Equivalent Circuit.

/ h_{FE} Classifications & Marking

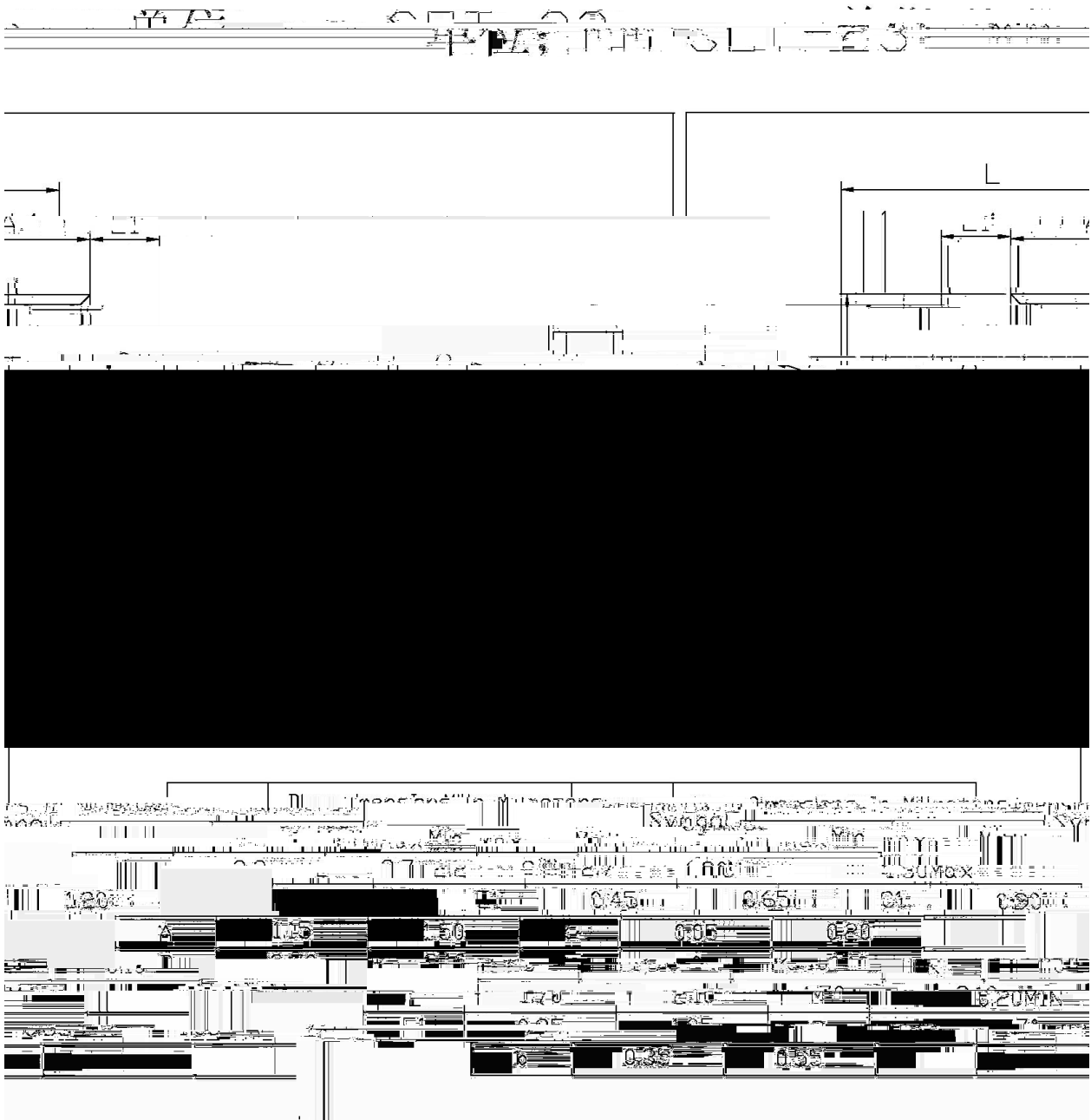
Marking	HA7
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BAV99

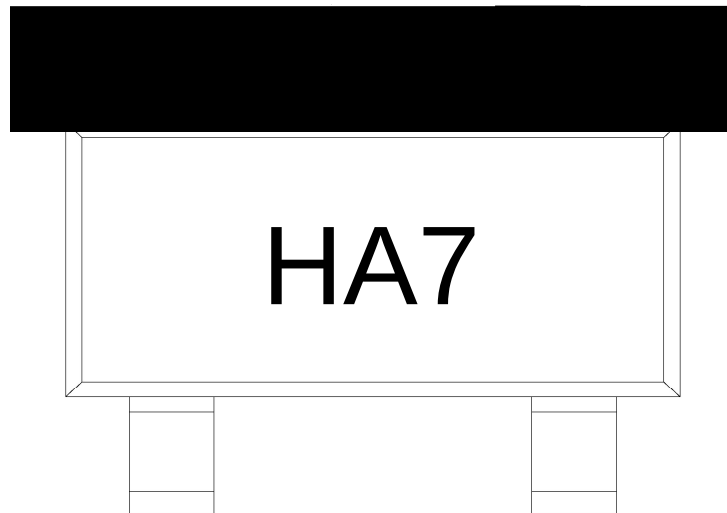
/ Electrical Characteristic Curve



/ Package Dimensions



/ Marking Instructions



H

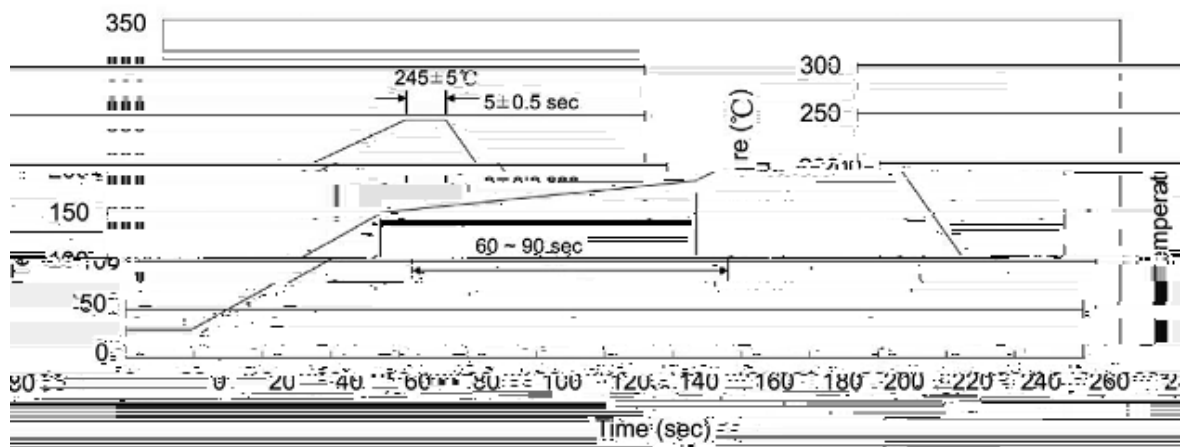
A7

Note:

H: Company Code.

A7: Product Type Code.

() / Temperature Profile for IR Reflow Soldering(Pb-Free)



Note:

- | | | | | | |
|---|-----|-----|----|---------|---|
| 1 | 150 | 180 | 60 | 90sec; | 1.Preheating:150~180 , 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. |

D / Resistance to Soldering Heat Test Condes d