

/ Descriptions

SOT-23

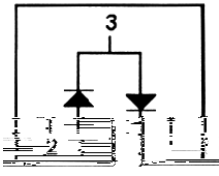
Silicon Diode in a SOT-23 Plastic Package.

/ Features

Small signal diode.HF Product.

/ Applications

High Conductance Ultra Fast Diode.

/ Equivalent Circuit**/ Pinning**

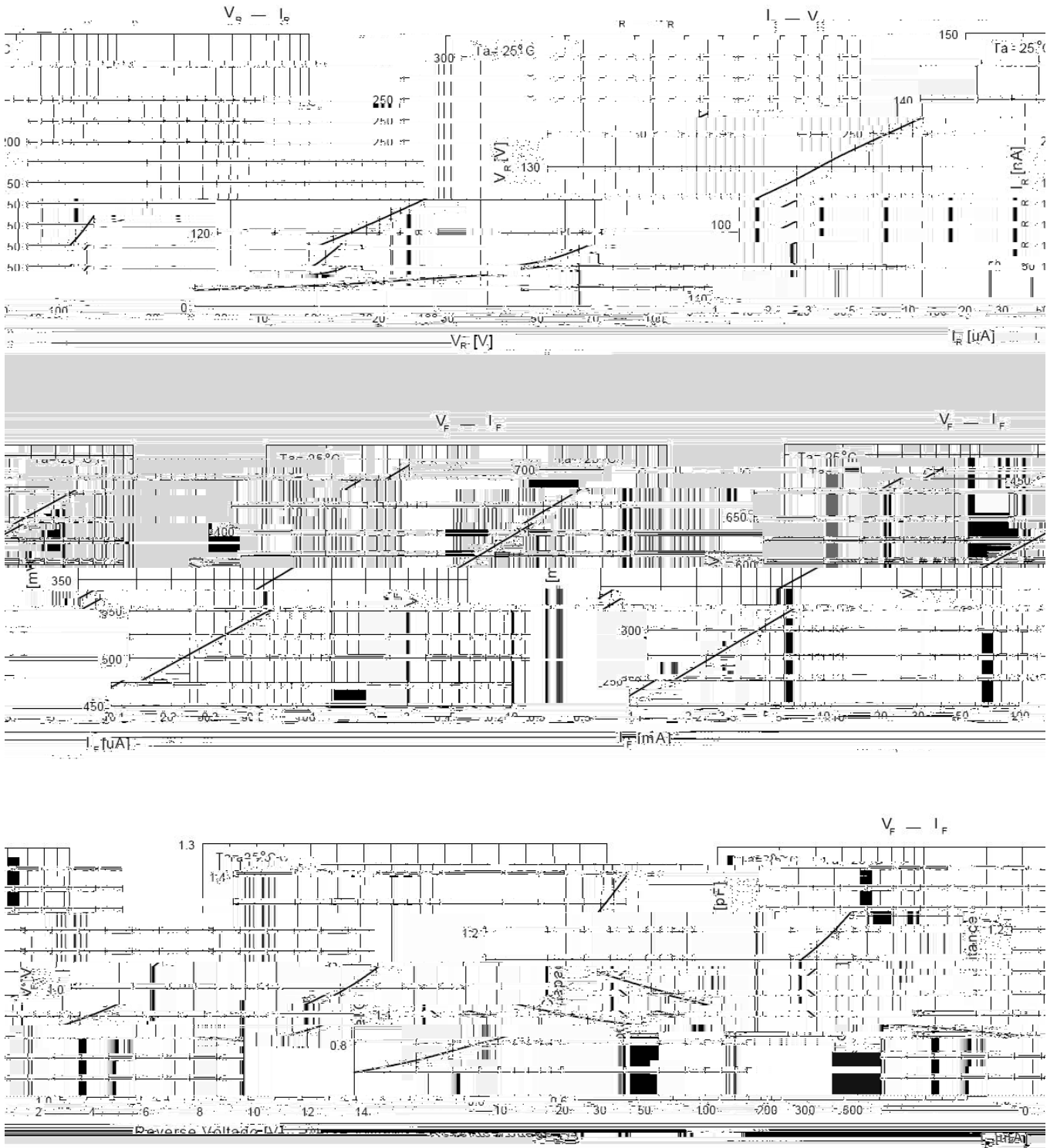
PIN: See Equivalent Circuit.

/ h_{FE} Classifications & Marking

Marking	HA7
---------	-----

BAV99

/ Electrical Characteristic Curve



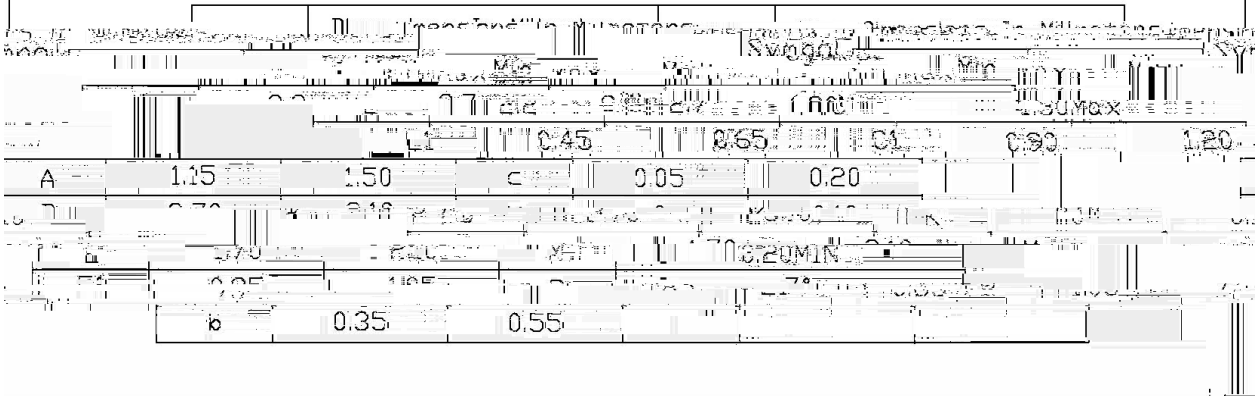
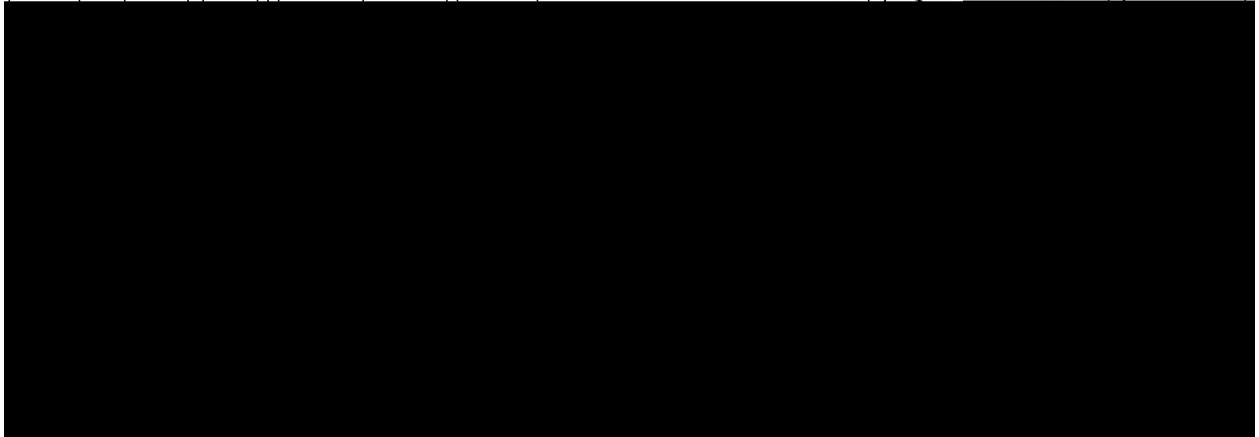
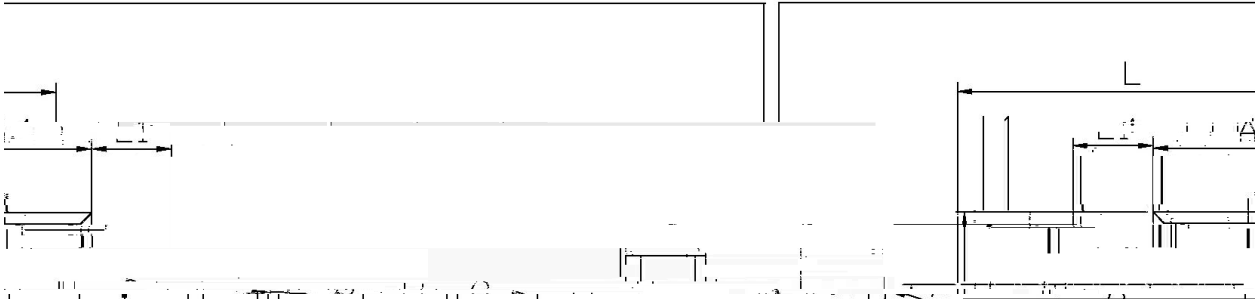
BAV99

Rev.G Jul.-2020

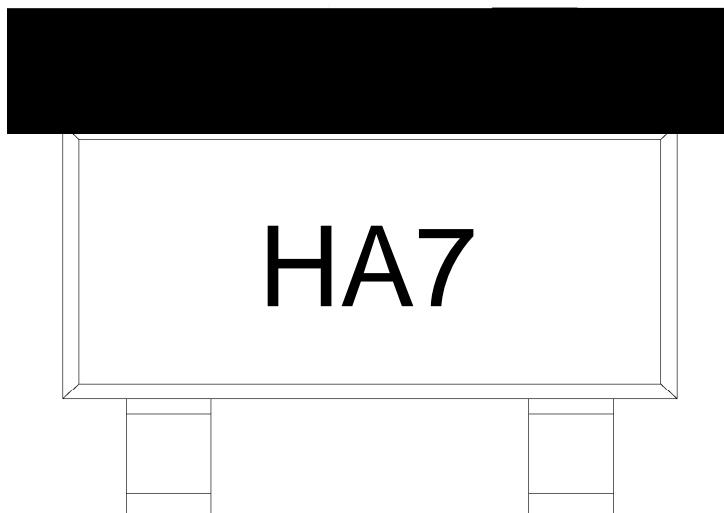
DATA SHEET

/ Package Dimensions

TOP VIEW



/ Marking Instructions



H

A7

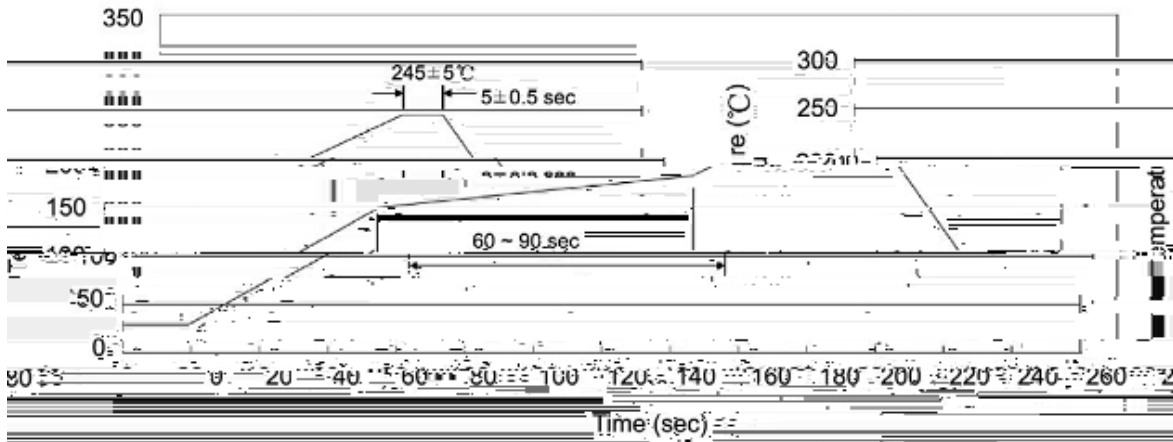
Note:

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