



**/ Descriptions**

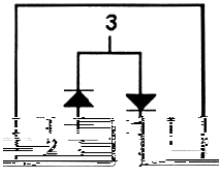
Silicon Diode in a SOT-23 Plastic Package.

**/ Features**

Small signal diode.HF Product.

**/ Applications**

High Conductance Ultra Fast Diode.

**/ Equivalent Circuit****/ Pinning**

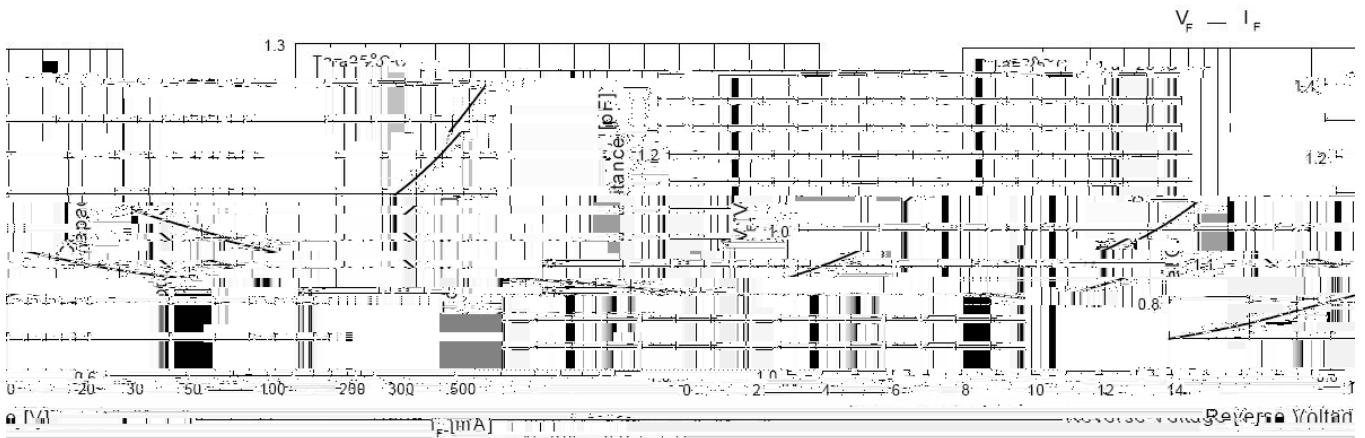
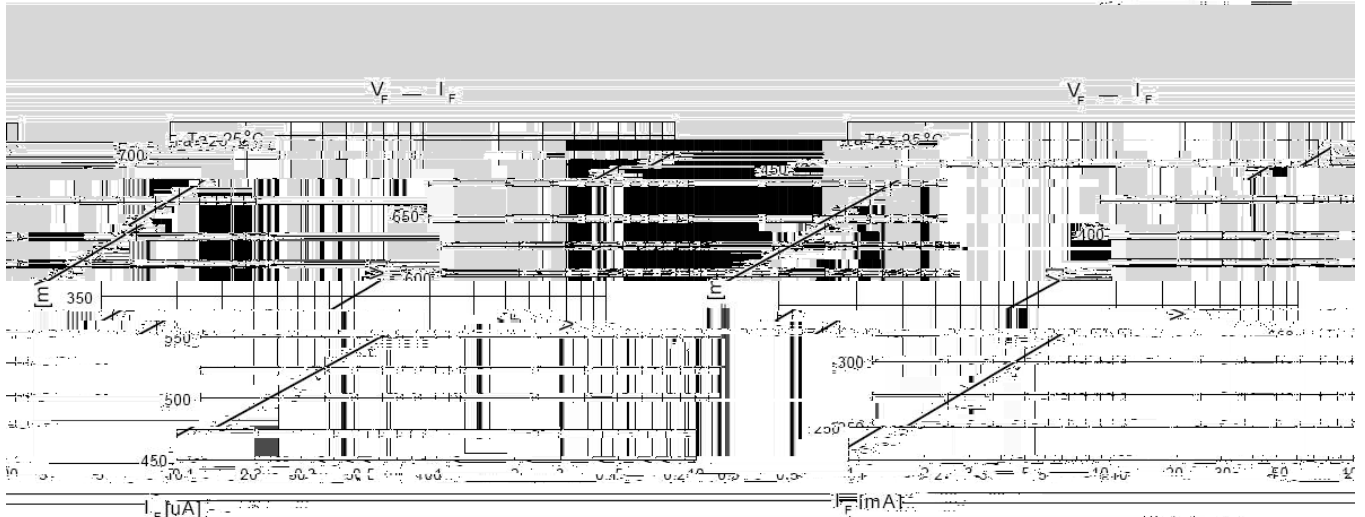
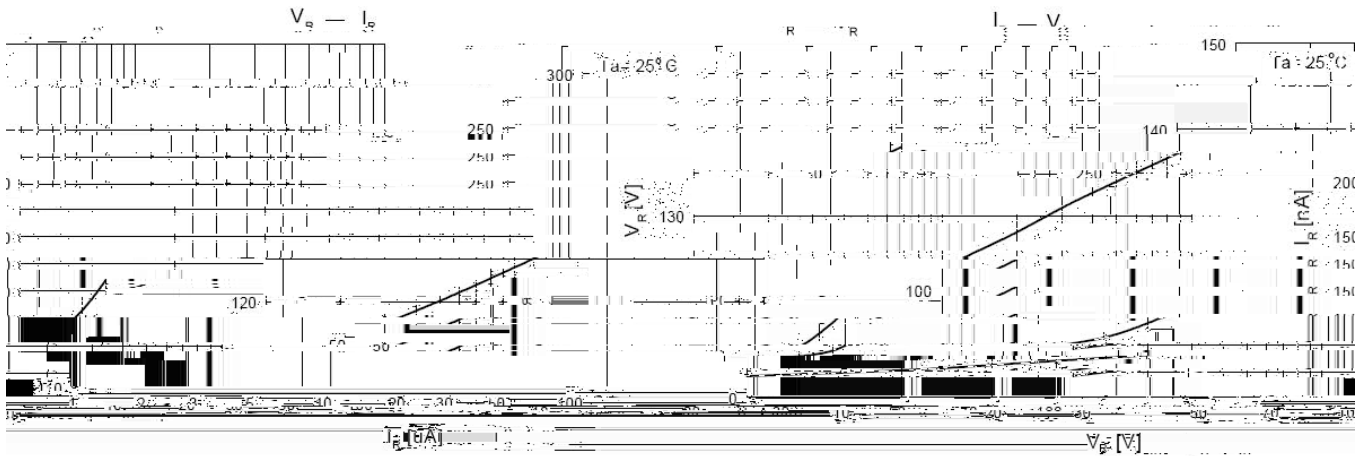
PIN: See Equivalent Circuit.

**/ h<sub>FE</sub> Classifications & Marking**

Marking	HA7
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**BAV99**

**/ Electrical Characteristic Curve**



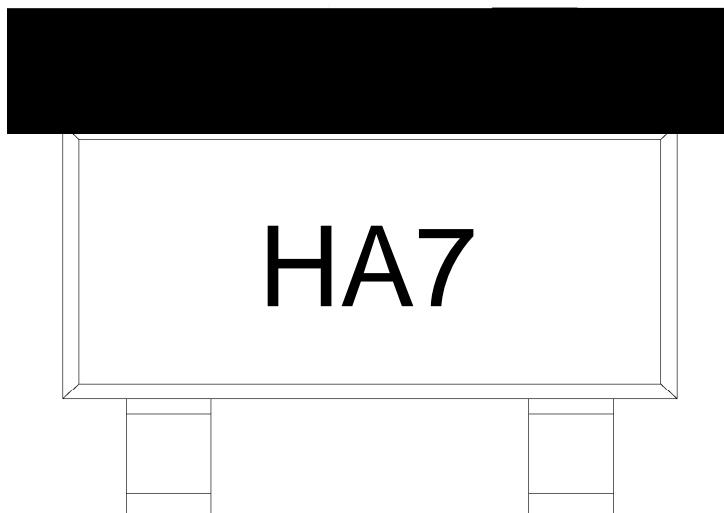
**BAV99**

Rev.G Jul.-2020

**DATA SHEET**



**/ Marking Instructions**

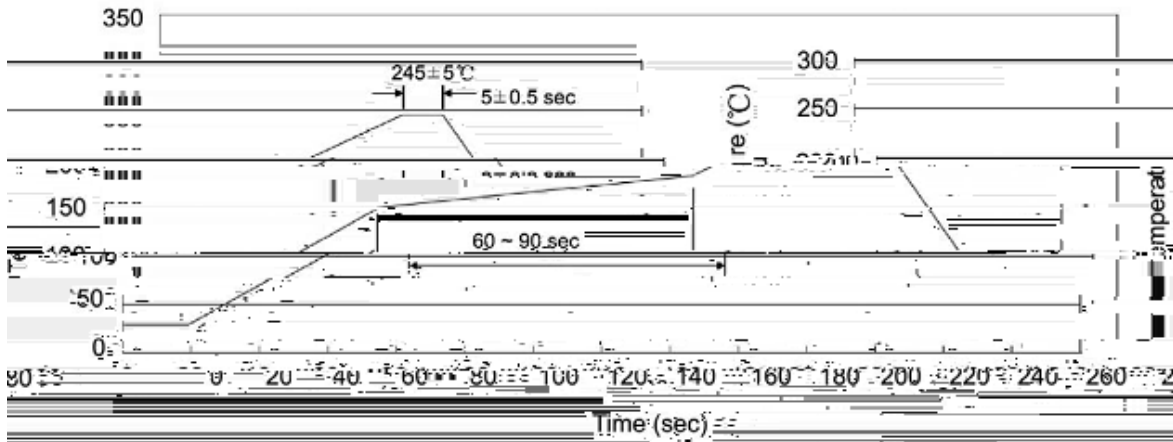


Note:

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**