/ Revised record

G	2020-7-28	1			

/ Descriptions

SOT-23
Silicon Diode in a SOT-23 Plastic Package.

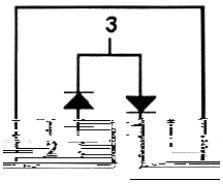
/ Features

Small signal diode.HF Product.

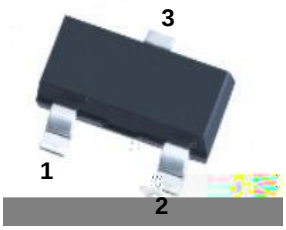
/ Applications

High Conductance Ultra Fast Diode.

/ Equivalent Circuit



/ Pinning



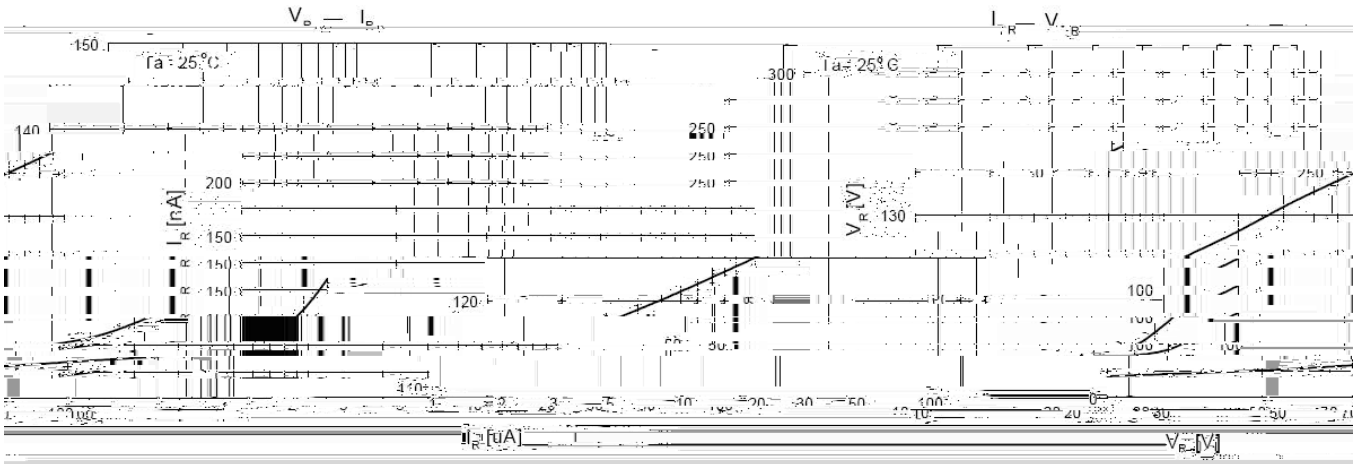
PIN: See Equivalent Circuit.

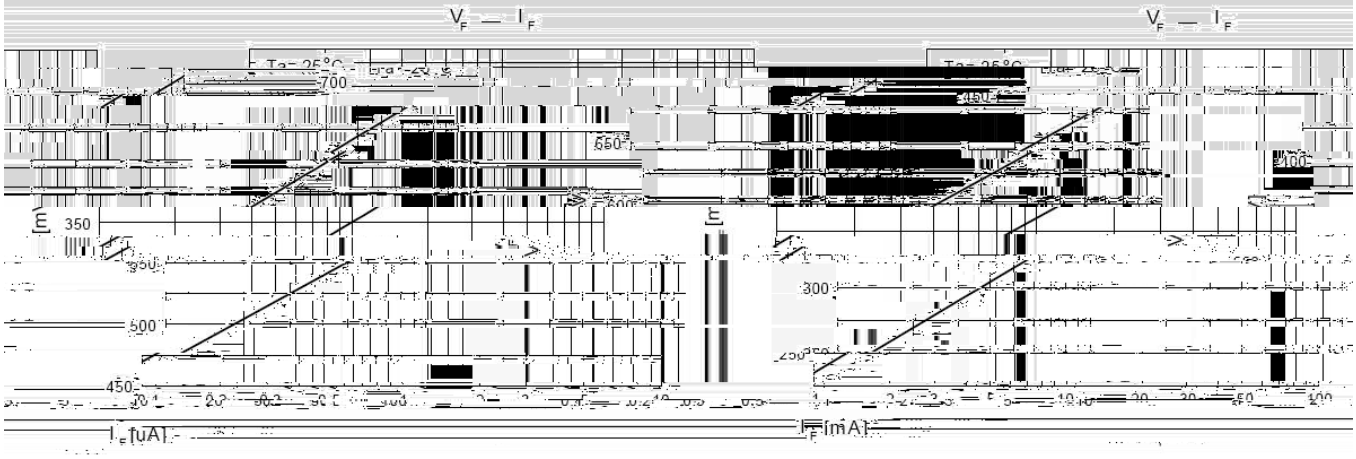
/ h_{FE} Classifications & Marking

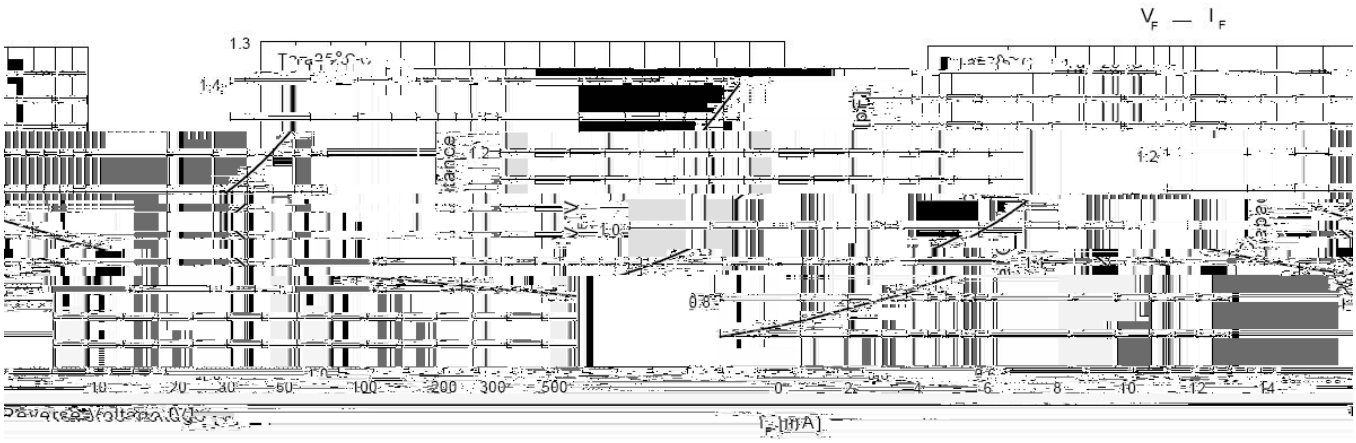
Marking	HA7

BAV99

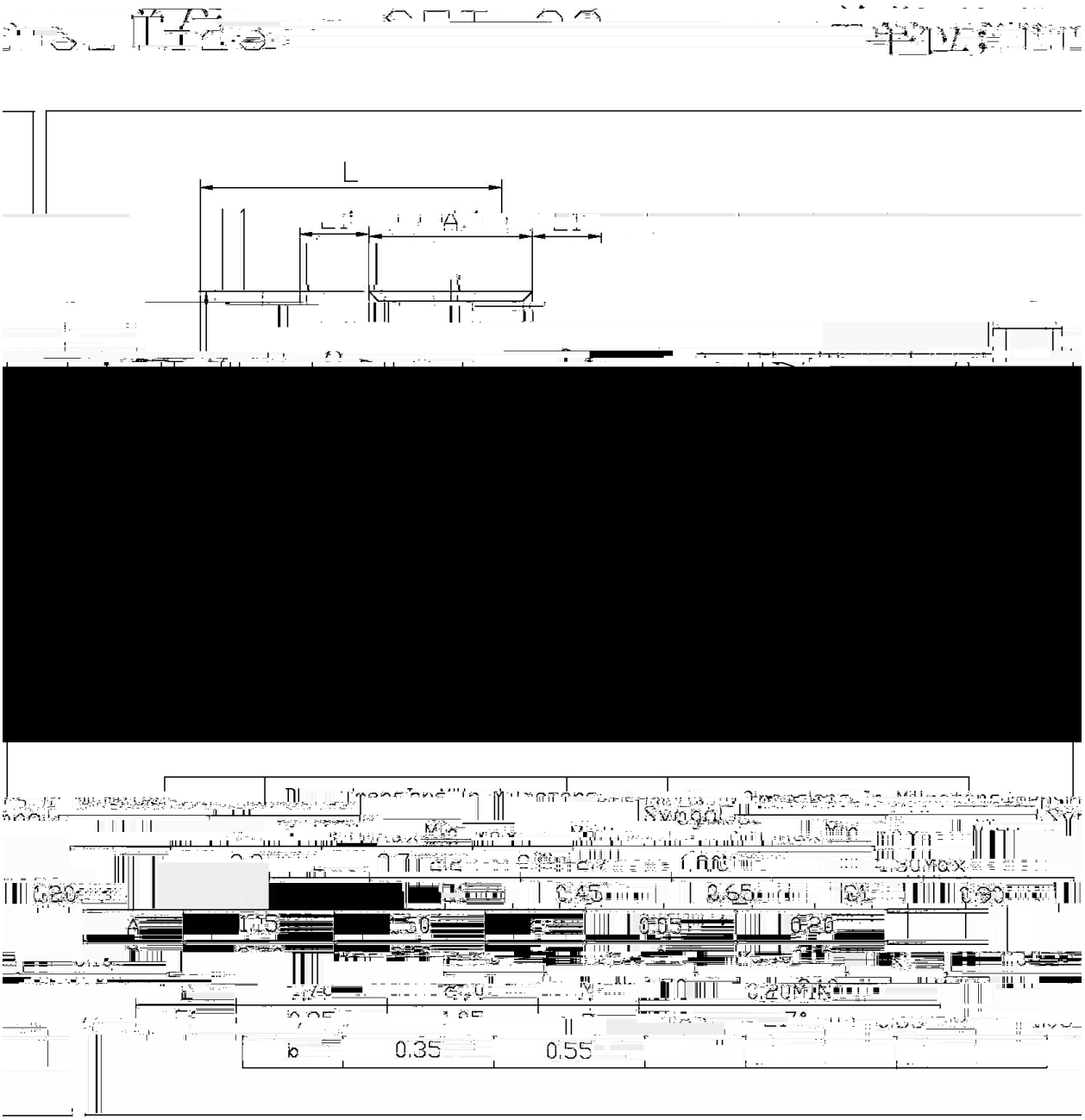
/ Electrical Characteristic Curve



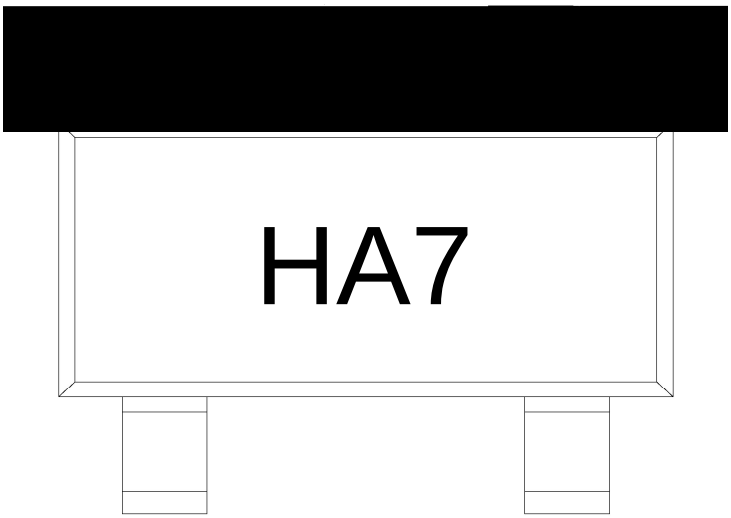




/ Package Dimensions



/ Marking Instructions



H

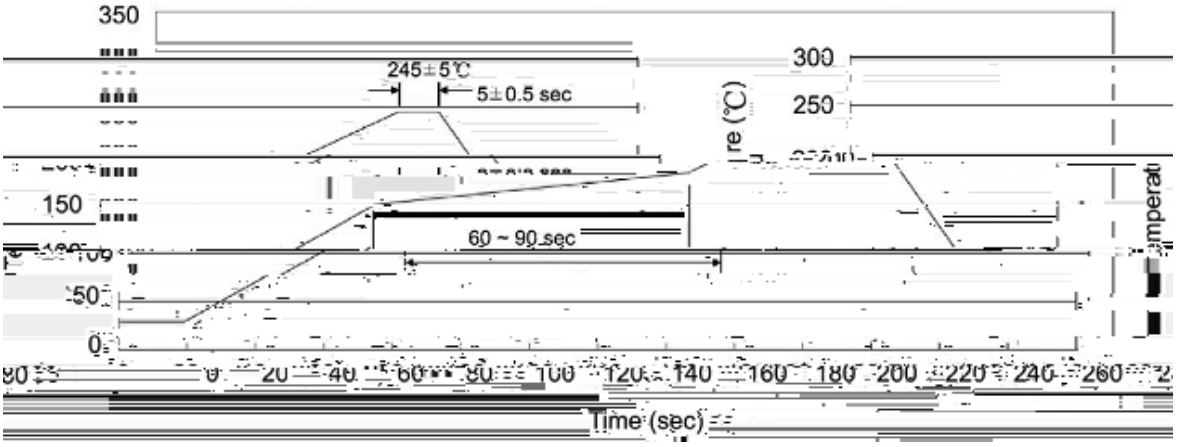
A7

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