

E	2016-3				
F	2018-12-14	2	t		

**/ Descriptions**

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

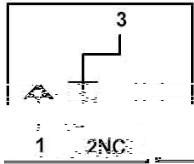
**/ Features**

Small signal diode.HF Product.

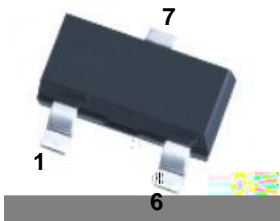
**/ Applications**

High Conductance Ultra Fast Diode.

**/ Equivalent Circuit**



**/ Pinning**



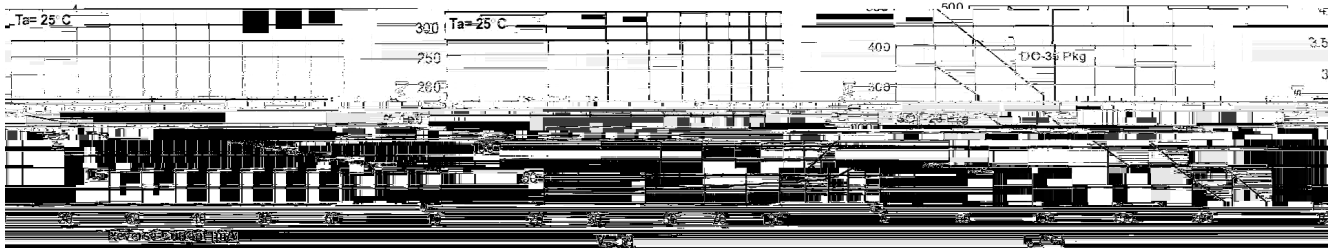
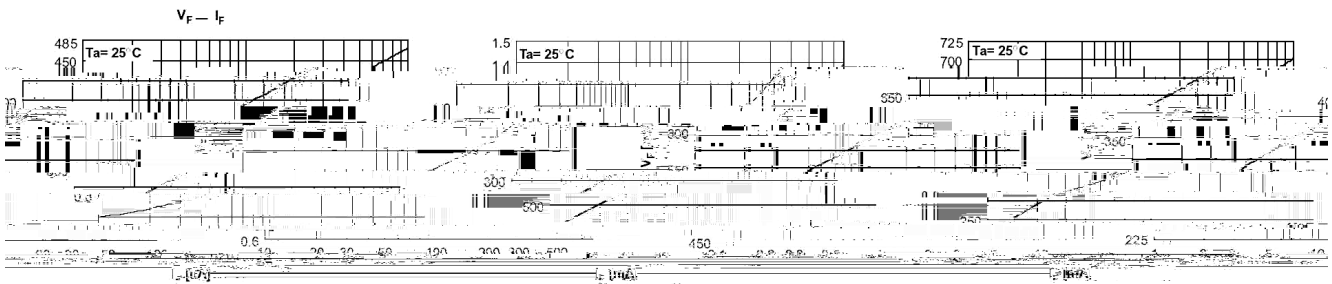
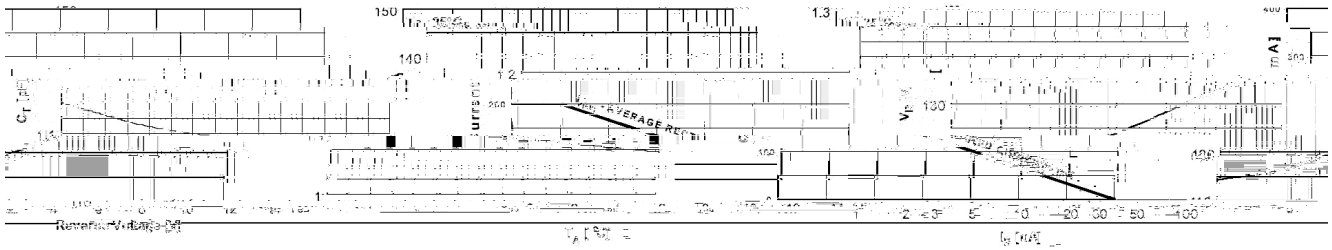
PIN: See Equivalent Circuit.

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

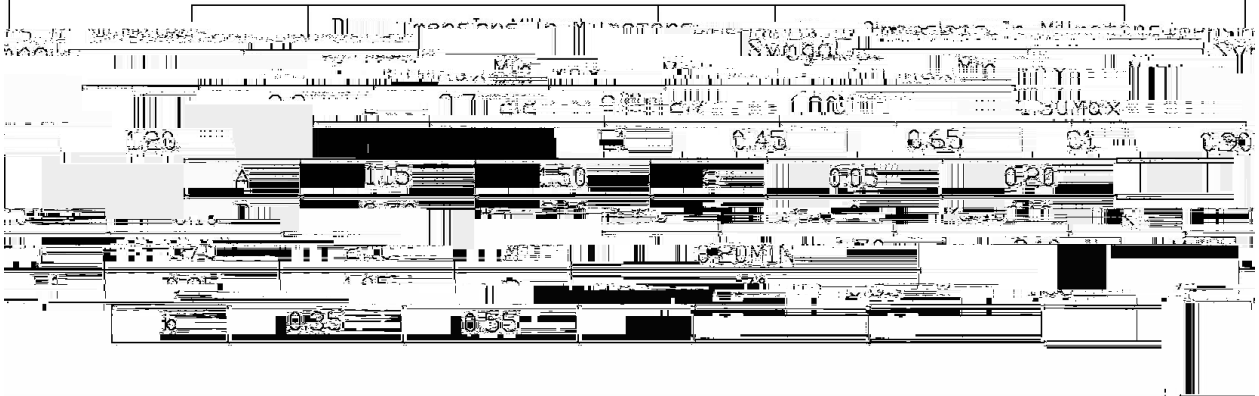
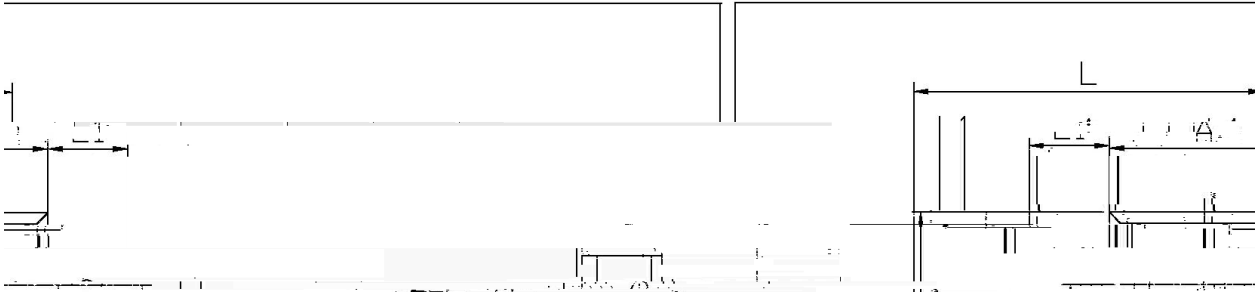
Marking	HA6
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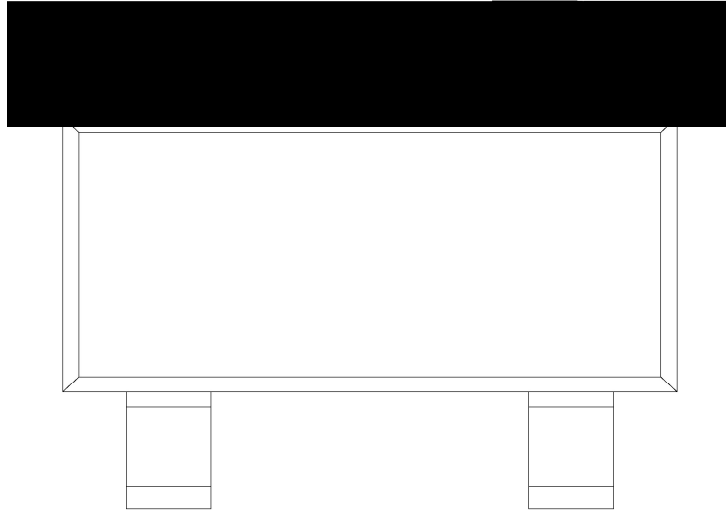


**/ Electrical Characteristic Curve**

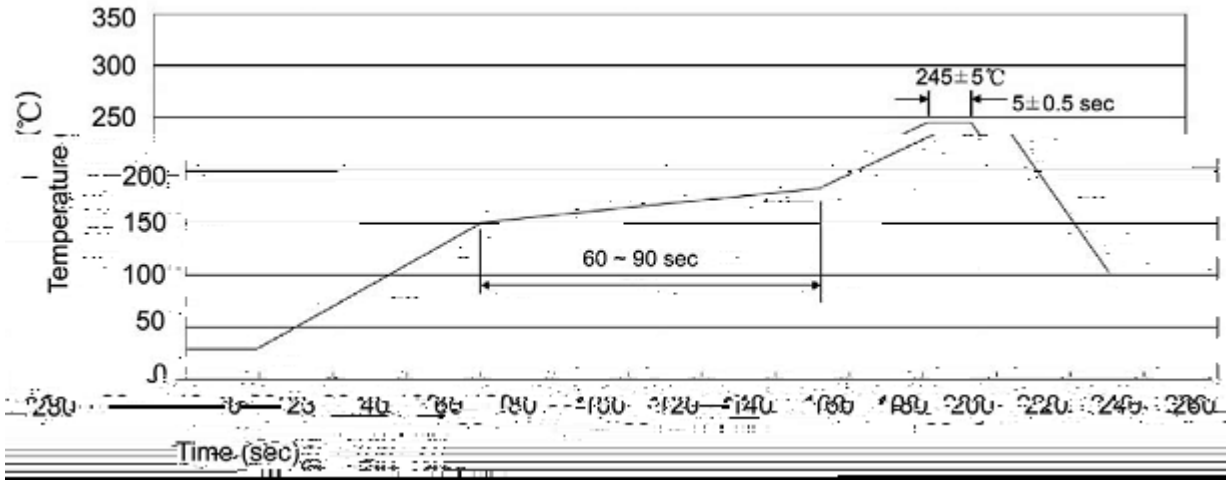


**/ Package Dimensions**





( ) / 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.            |

/ Resistance to Soldering Heat Test Conditions

260±5                      10±1 sec.                      Temp.:260±5°C                      Time:10±1 sec

/ Packaging SPEC.

/ REEL

Package Type	Units					Dimension (unit: mm <sup>3</sup> )		
	Units/Reel 只/卷盘	Reels/Inner Box 卷盘/盒	Units/Inner Box 只/盒	Inner Boxes/Outer Box 盒/箱	Units/Outer Box 只/箱	Reel	Inner Box fl	Outer Box L
SOT-23	3,000	10	30,000	8	240,000	7" x8	180x120x180	385x257x392

/ Notices