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

/ Descriptions

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

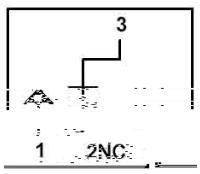
/ Features

Small signal diode.HF Product.

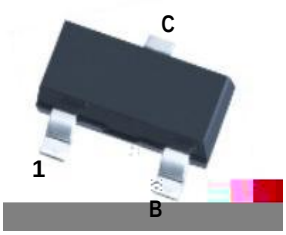
/ Applications

High Conductance Ultra Fast Diode.

/ Equivalent Circuit



/ Pinning

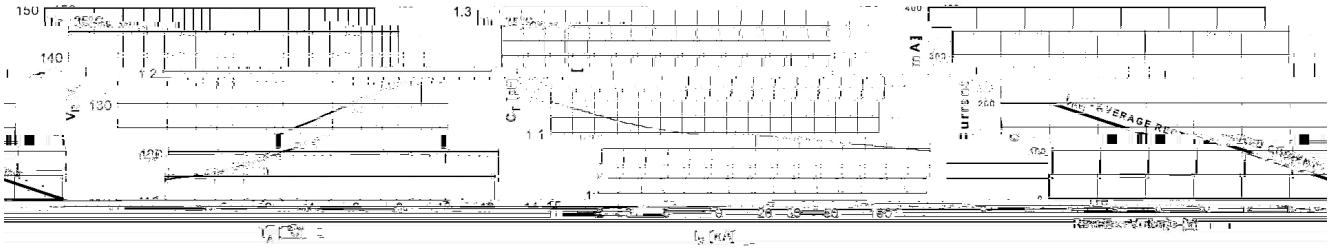


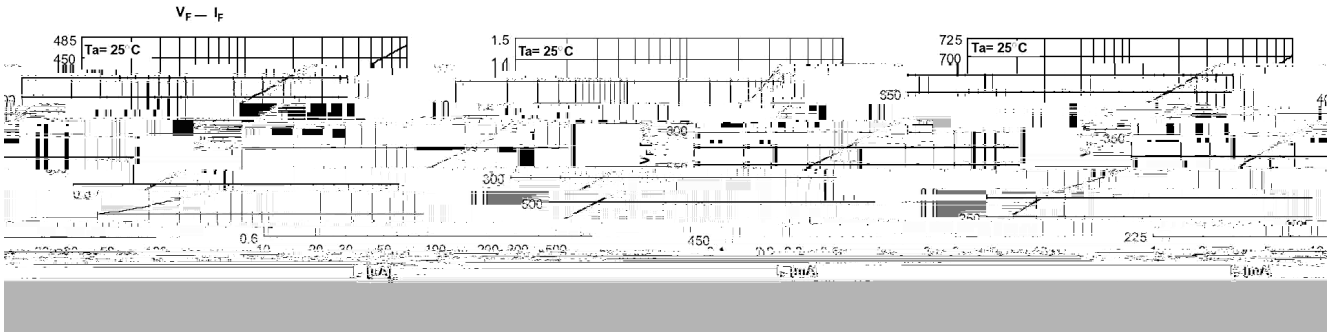
PIN: See Equivalent Circuit.

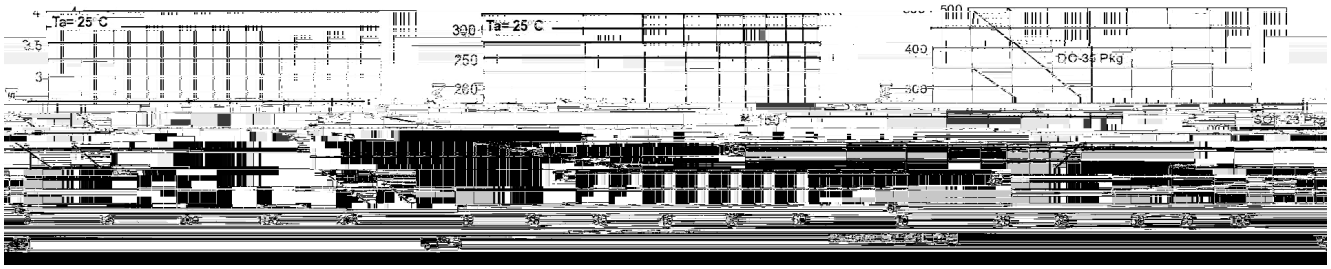
/ h_{FE} Classifications & Marking

Marking	HA6

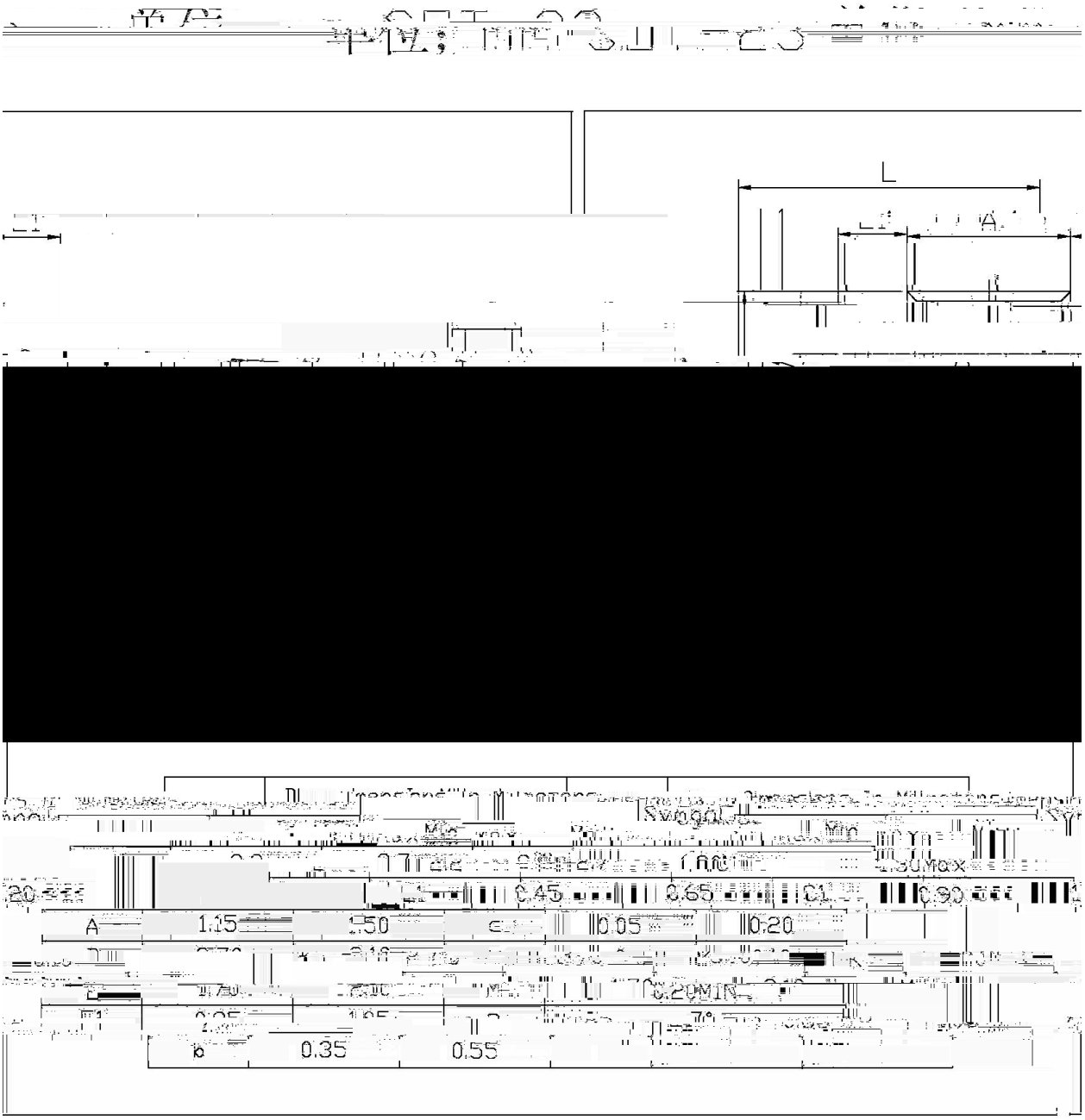
/ Electrical Characteristic Curve

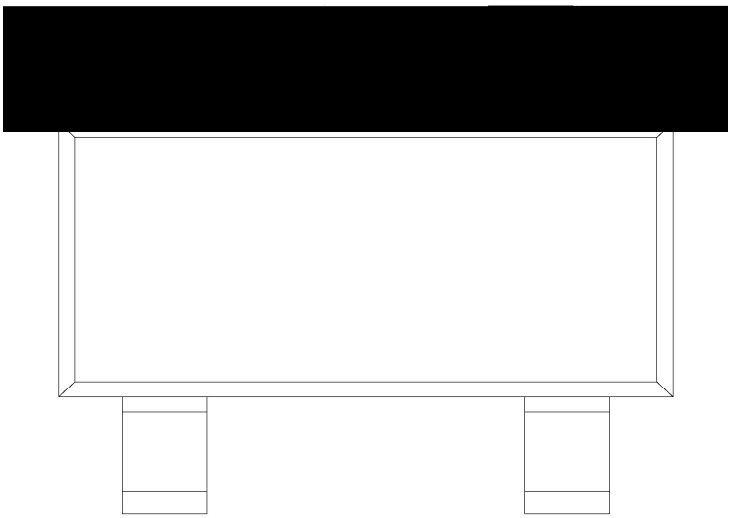




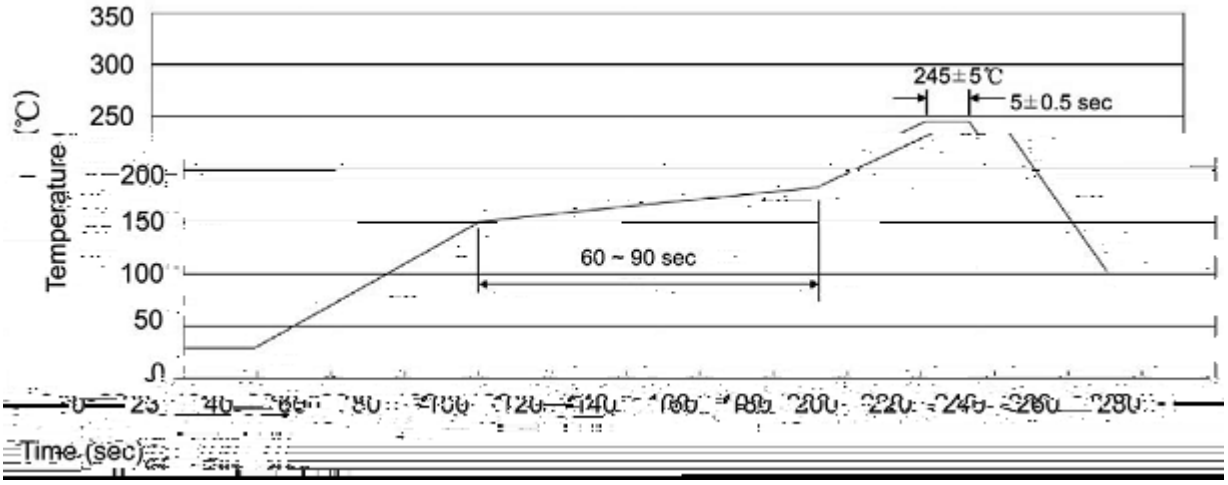


/ Package Dimensions





( ) / 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℃	Time:10±1 sec

/ Packaging SPEC.

/ REEL

Package Type !	Units " # $					Dimension " % & (unit ' mm^3)		
	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 (	Outer Box)
SOT-23	3,000	10	30,000	8	240,000	7″ ×8	180×120×180	385×257×392

/ Notices