

/ Descriptions

silicon NPN and PNP transistor in a SOT-363 Plastic Package

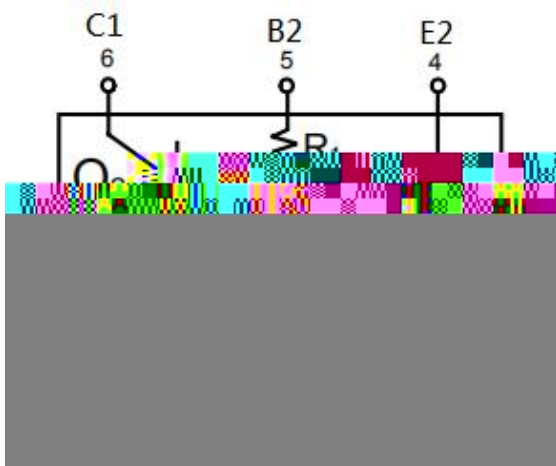
/ Features

With built-in bias resistors, simplify circuit design, reduce a quantity of parts and manufacturing process. Halogen free product.

/ Applications

Switching applications, interface circuit and driver circuit applications.

/ Equivalent Circuit

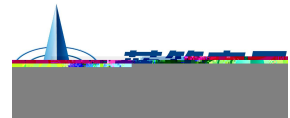


/ h_{FE} Classifications & Marking

Marking	H311
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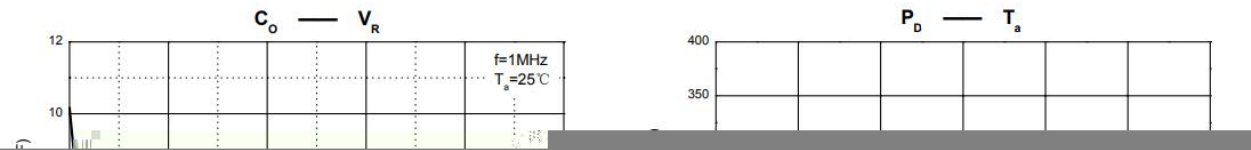
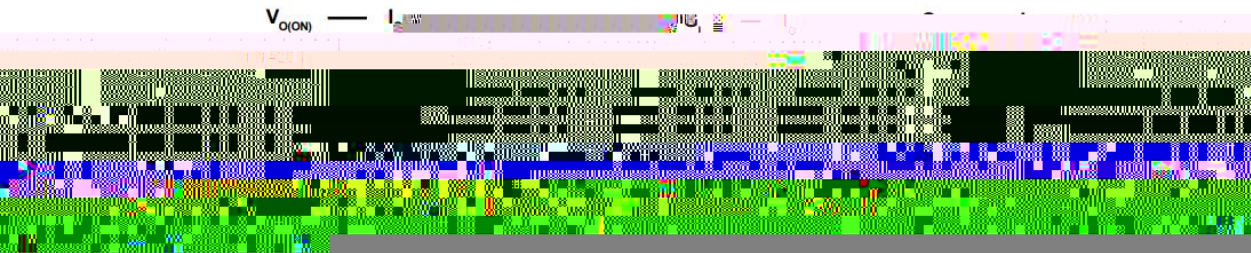


Parameter	Symbol	Rating	Unit
Output Voltage	V_{CC}	-50	V
Input Voltage	V_{IN}	-40	V
		10	V
Output Current	I		

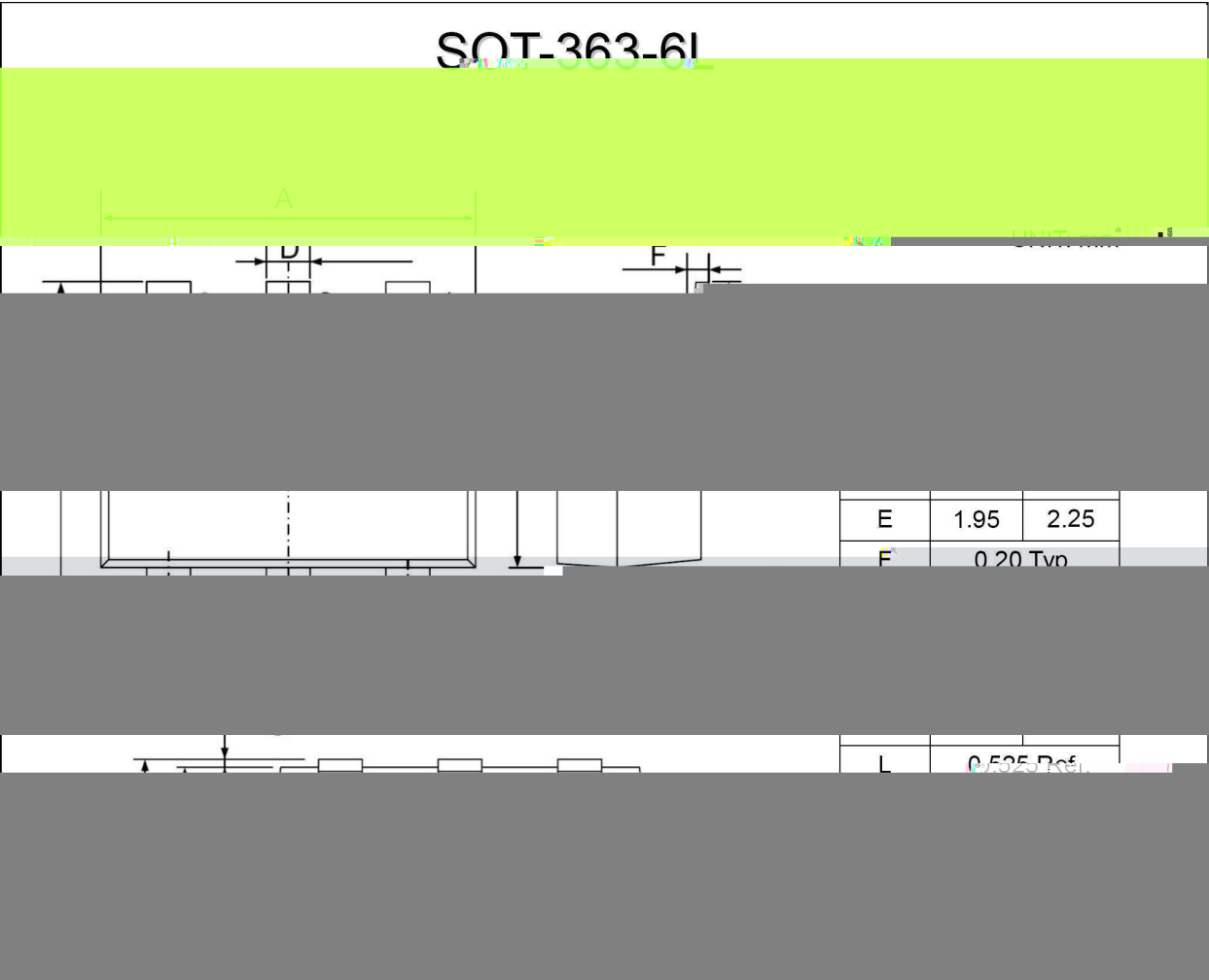


/ E

/ Electrical Characteristic Curve(PNP)



/ Package Dimensions





/ Marking Instructions

H311^{*}
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" 1 "

H311

***:

Note:



"1" Pin

H311

Product Type Code

***:

Lot No. Code, code change with Lot No.



() / 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. |

/ Resistance to Soldering Heat Test Conditions

260±5 10±1 sec. Temp.:260±5℃ Time:10±1 sec

/ R 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-363	3,000	10	30,000	6	180000	7" x8	180×120×180	390×385×205