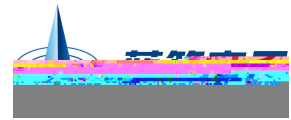


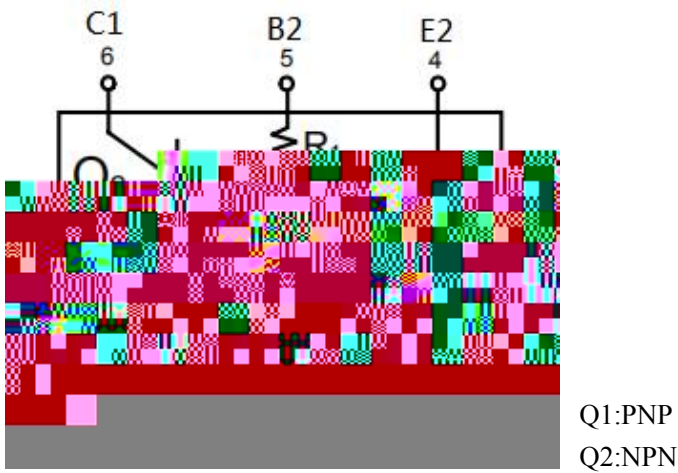
A	2020.02.18		SOT-363		
A	2021-7-7	ALL	BR3RC5311WS MUN5311WS	BR	
B	2021-11-25	6			



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

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

Switching applications, interface circuit and driver circuit applications.

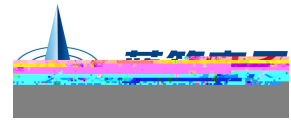


Marking	H311
---------	------



Parameter	Symbol	Rating	Unit
Output Voltage	$V_{CC}$	50	V
Input Voltage	$V_{IN}$	40	V
		-10	V
Output Current	$I_{CM}$	100	mA
	$I_O$	50	mA
Collector Dissipation	$P_C$	200	mW
Junction Temperature	$T_j$	150	°C
Storage Temperature Range	$T_{stg}$	-55~150	°C

j      Parameter                      Symbol                      Test Conditions

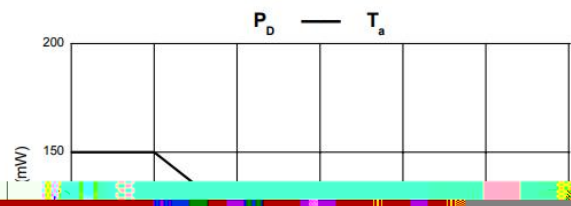
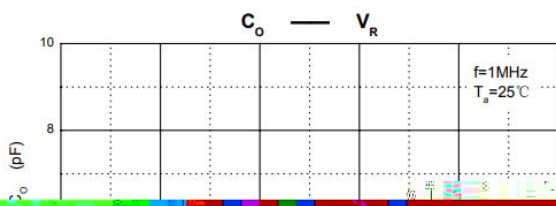
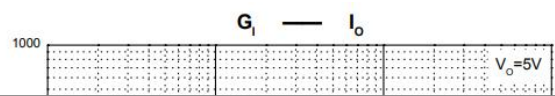
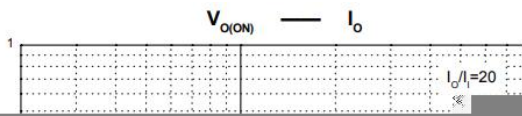


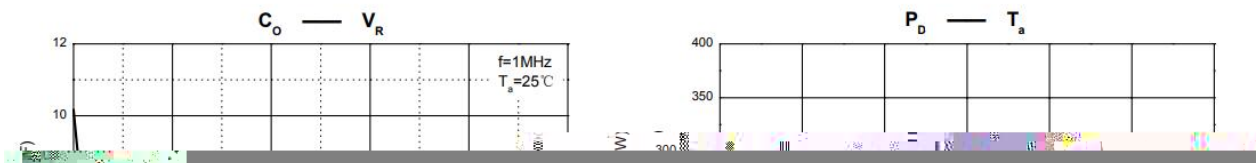
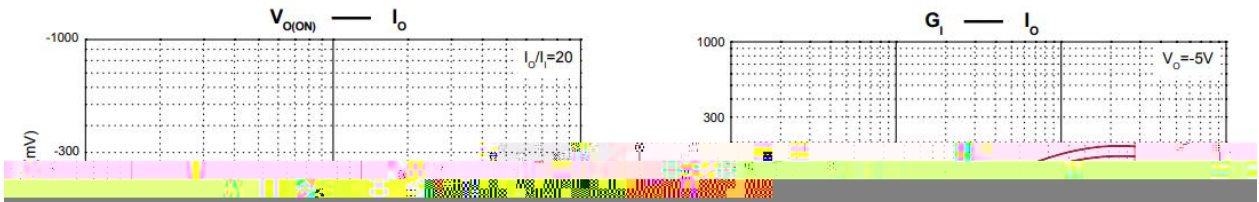
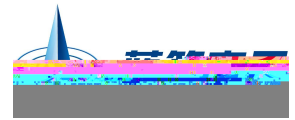
Parameter	Symbol	Rating	Unit
Output Voltage	$V_{CC}$	-50	V
Input Voltage	$V_{IN}$	-40	V
		10	V
Output Current	$I_C$	-100	mA
	$I_O$	-50	mA
Power Dissipation	$P_C$	200	mW
Junction Temperature	$T_j$	150	°C
Storage Temperature Range	$T_{stg}$	-55~150	°C

Parameter                      Symbol                      Test Conditions                      Min                      Typ



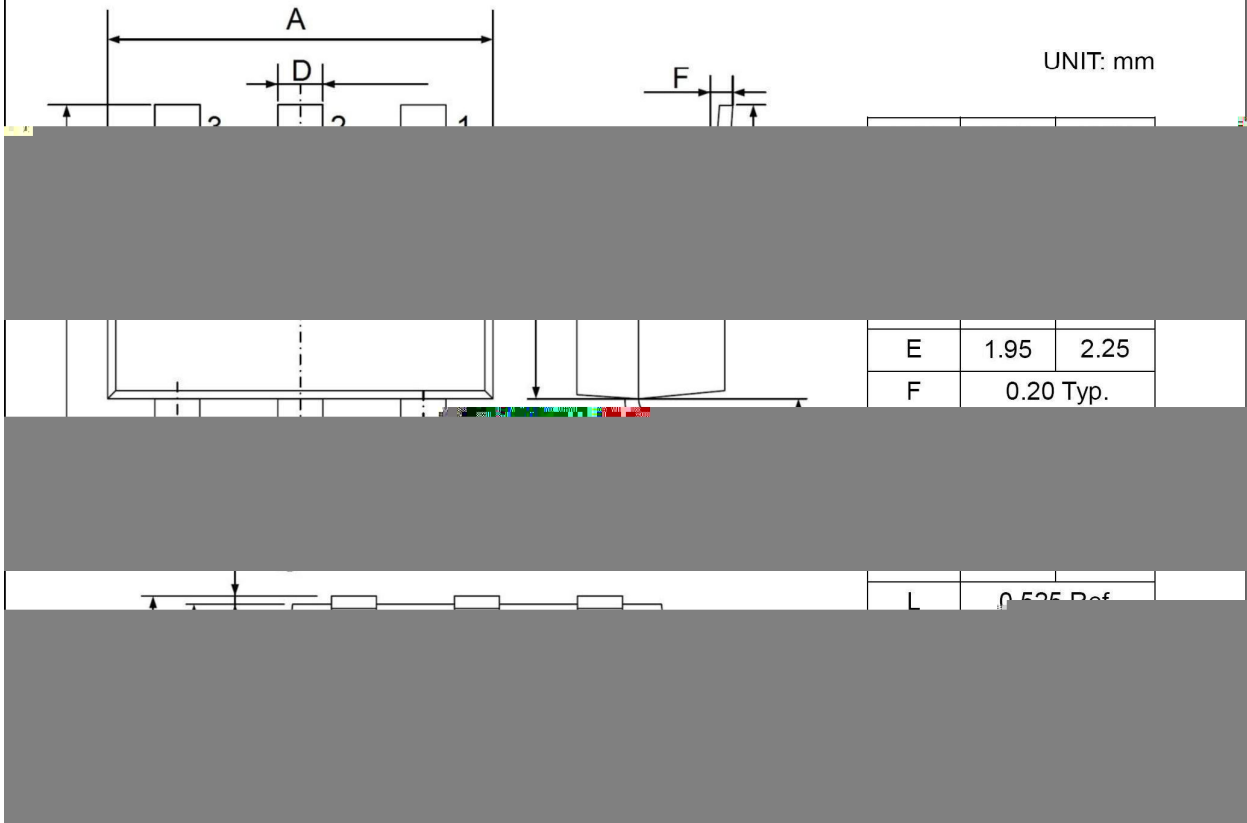
Rev.B Nov.-2021

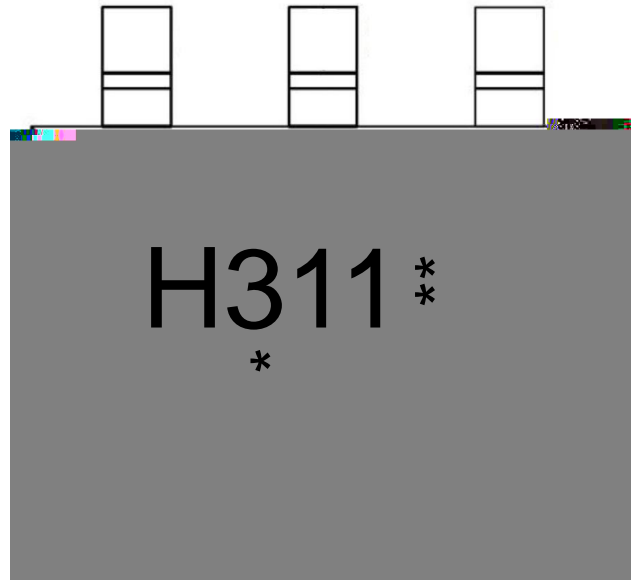
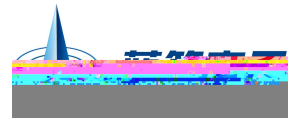






# SOT-363-6L

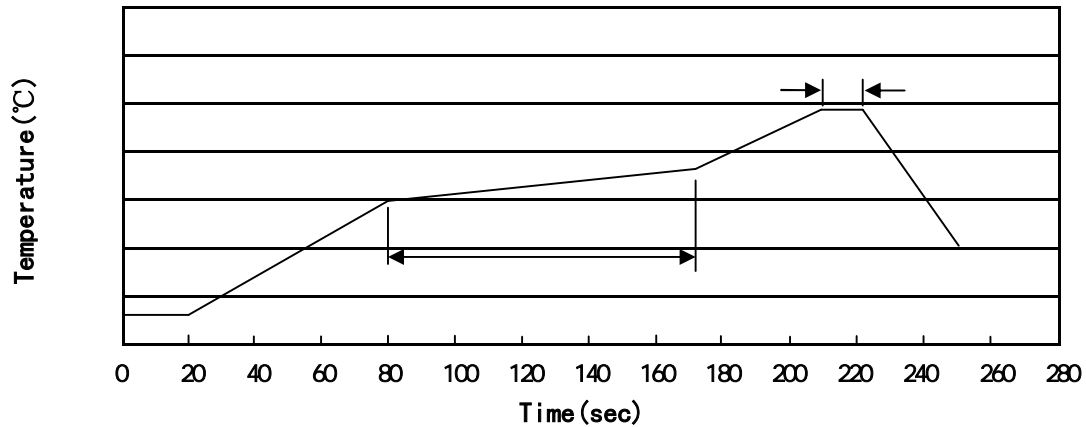




- " 1"
- H311
- \*\*\*:
- Note:
- "1" Pin
- H311 Product Type Code
- \*\*\*: Lot No. Code, code change with Lot No.



Rev.B Nov.-2021



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.            |

260±5

10±1 sec.

Temp.:260±5°C

Time:10±1 sec

/ 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	Outer Box
SOT-363	3,000	10	30,000	6	180000	7" ×8	180×120×180	390×385×205