[redacted]

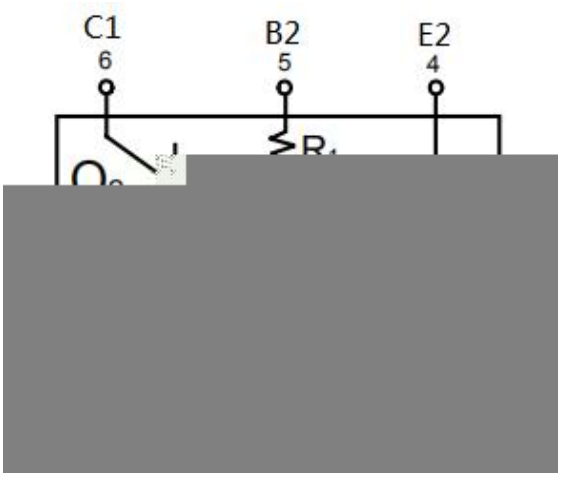
Rev.B Nov.-2021

SOT-363 NPN+PNP

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

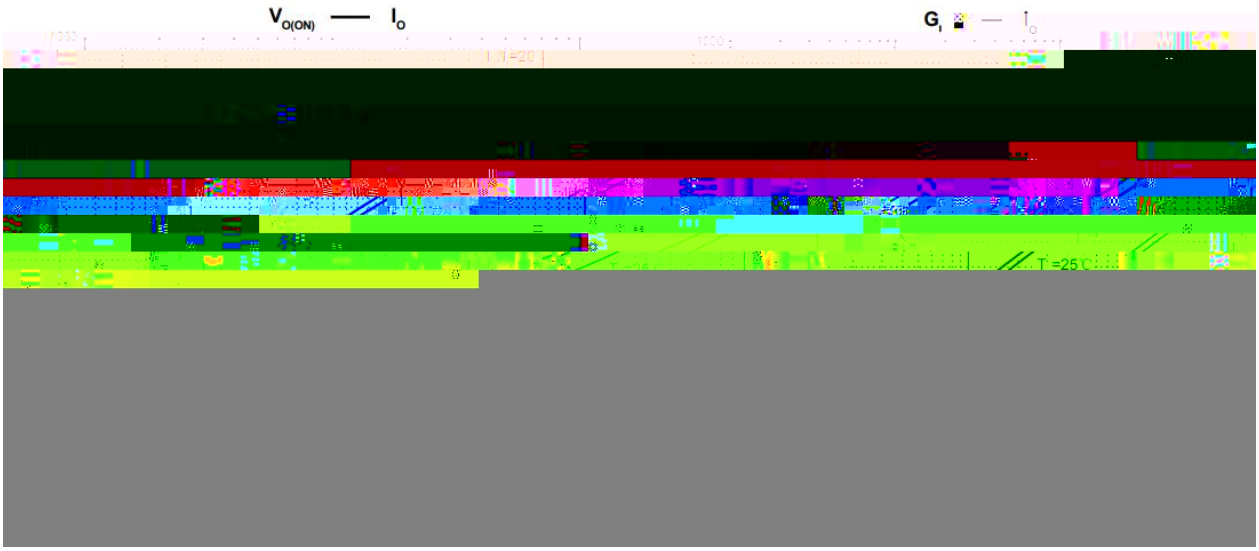
With built-in bias resistors, simplify circuit design, reduce a quantity of parts and manufacturing process. Halogen free product.

Switching applications, interface circuit and driver circuit applications.

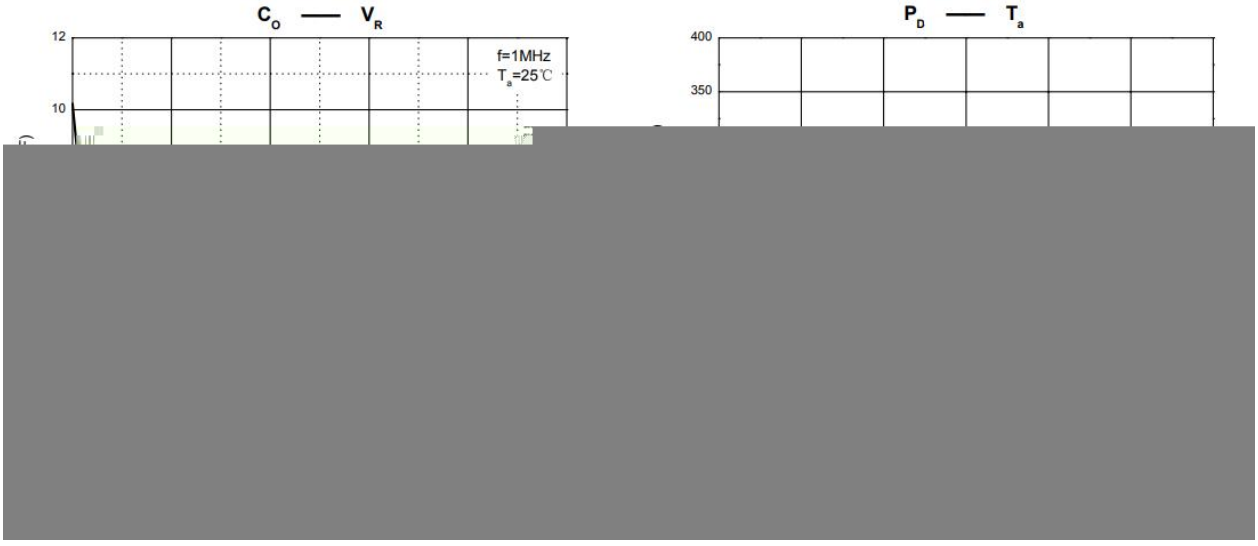


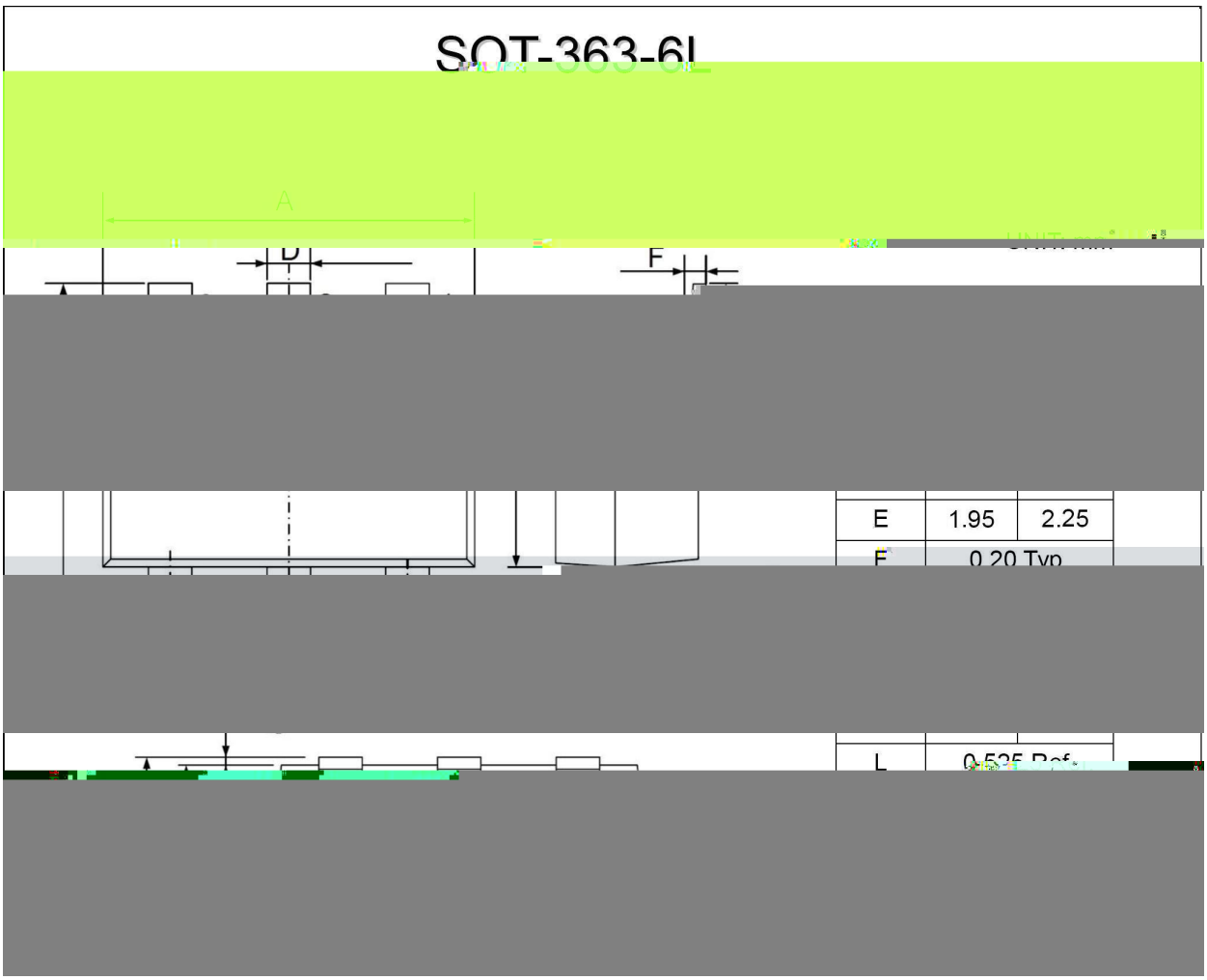

| | |
|---|---|
| Marking | H311 |

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


V_O(ON) — I_O
T_j=25℃


ON C
aracteristics
OFF


C_O — V_R
12
10
f=1MHz
T_a=25℃
P_D — T_a
400
350


SOT-363-6L
A
D
F
E 1.95 2.25
F 0.20 Typ
L 0.525 Ref.

# H311***

● “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. |

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

/ 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″ ×8 | 180×120×180 | 390×385×205 |