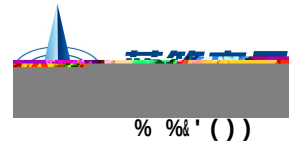


| B | 2018-8     |   |  |  |  |
|---|------------|---|--|--|--|
| C | 2021-10-26 | 4 |  |  |  |





&

| Parameter                    | Symbol    | Rating | Unit |
|------------------------------|-----------|--------|------|
| Collector to Base Voltage    | $V_{CBO}$ | -60    | V    |
| Collector to Emitter Voltage | $V_{CEO}$ | -60    | V    |
| Emitter to Base Voltage      | $V_{EBO}$ | -5.0   | V    |
| Collector Current            | $I_C$     | -600   | mA   |
| Collector Power Dissipation  | $P_C$     | 350    | mW   |
| Junction Temperature         | $T_j$     | 150    |      |

8 8 \*8 8 ) 9, 2<1.2:986:1:2<, 1./<.28B1- , 8

$h_{FE} - I_C$   
500

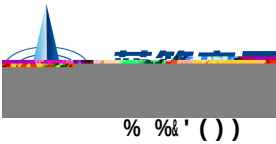
$V_{CE(SAT)} - I_C$   
0.5

$V_{BE(SA)}$   
0.4  
125°C  
 $\beta = 10$

$V_{BE(IC)}$   
0.4  
125°C  
 $V_{CE} = 5V$

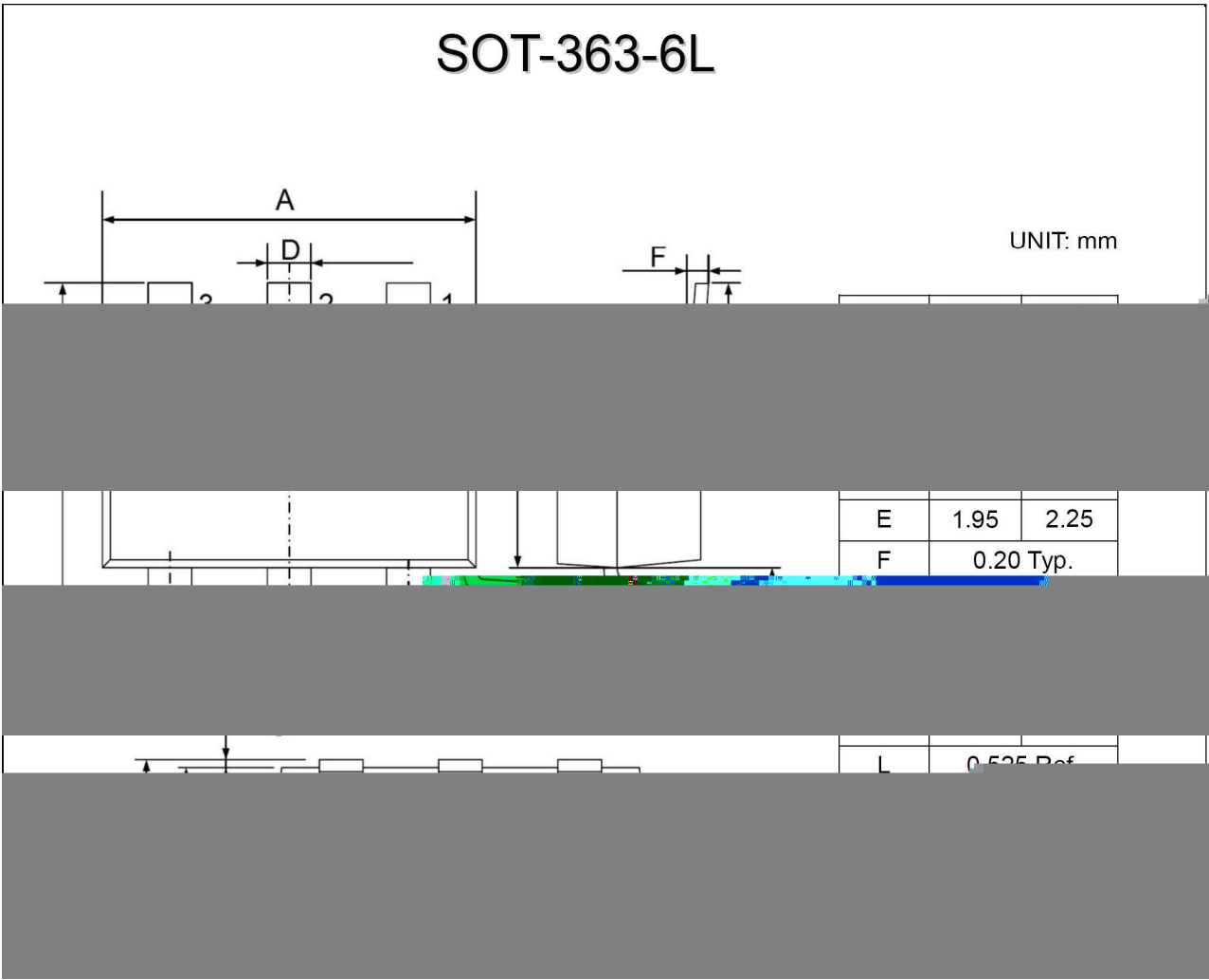
10

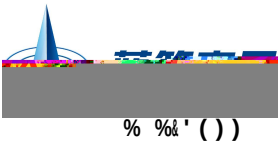
10  
pF)



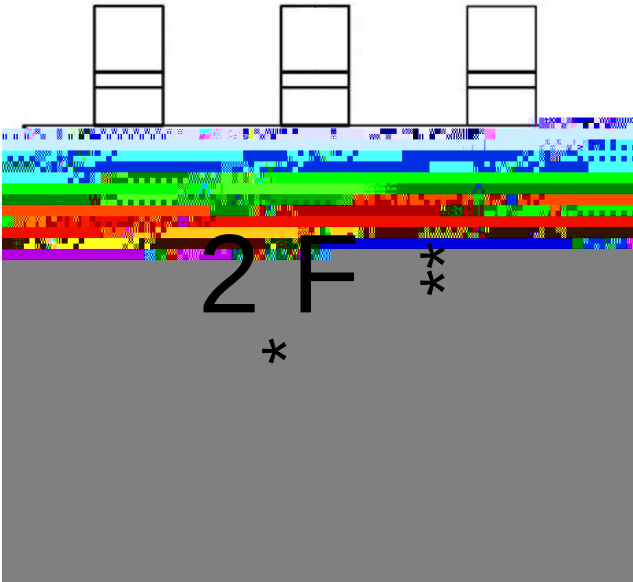
&& \*&& &D:2?:@,& .G,=/ .3=/&

SOT-363-6L

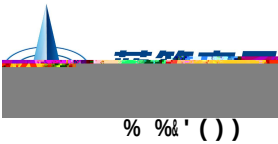




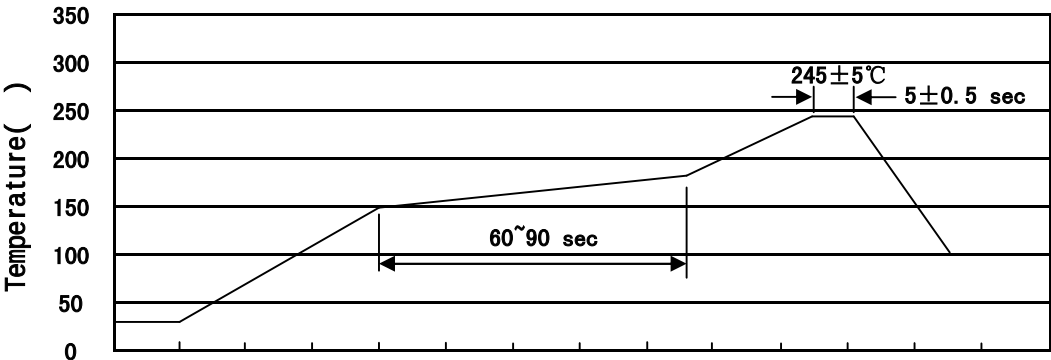
& & \* & & : 1 ? . = @ & N = / < 1 B 2 < . 3 = / &



- 1
- 2F
- \*\*\*:
- Note:
- "1" Pin
- 2F Product Type Code
- \*\*\*: Lot No. Code, code change with Lot No.



H K& & \*& & Temperature Profile for IR Reflow Soldering(Pb-Free)



Note:

- |   |             |           |                                          |
|---|-------------|-----------|------------------------------------------|
| 1 | 150 180     | 60 90sec; | 1.Preheating:150~180°C, Time:60~90sec.   |
| 2 | 245±5       | 5±0.5sec; | 2.Peak Temp.:245±5°C, Duration:5±0.5sec. |
| 3 | 2 10°C/sec. |           | 3. Cooling Speed: 2~10°C/sec.            |

&& \*& & + , / . / < : = 2 , & < 3 & ' 3 9 0 , 1 . = @ & ( , : < & , / < & 8 3 = 0 . < . 3 = / &

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

&& \*& & D : 2 ? : @ . = @ & ' D ) 8 0 &

/ REEL

| Package Type<br>封装形式 | Units 包装数量         |                         |                        |                              |                        | Dimension 包装尺寸 (unit: mm <sup>3</sup> ) |             |             |
|----------------------|--------------------|-------------------------|------------------------|------------------------------|------------------------|-----------------------------------------|-------------|-------------|
|                      | Units/Reel<br>只/卷盘 | Reels/Inner Box<br>卷盘/盒 | Units/Inner Box<br>只/盒 | Inner Boxes/Outer Box<br>盒/箱 | Units/Outer Box<br>只/箱 | Reel                                    | Inner Box 盒 | Outer Box 箱 |
| SOT-363              | 3,000              | 10                      | 30,000                 | 6                            | 180,000                | 7" ×8                                   | 180×120×180 | 390×385×205 |

&& \*& & P3<.2 , / &