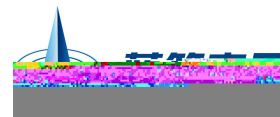


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A 2019.11



/ Descriptions

BRAD6255SC

BJT

BRAD6255SC

VDD

VDD

BRAD6255SC

CV/CC

75mW

BRAD6255SC

Fb

PWM/PFM

BRAD6255SC

SOP-8

Level6

Eur2.0

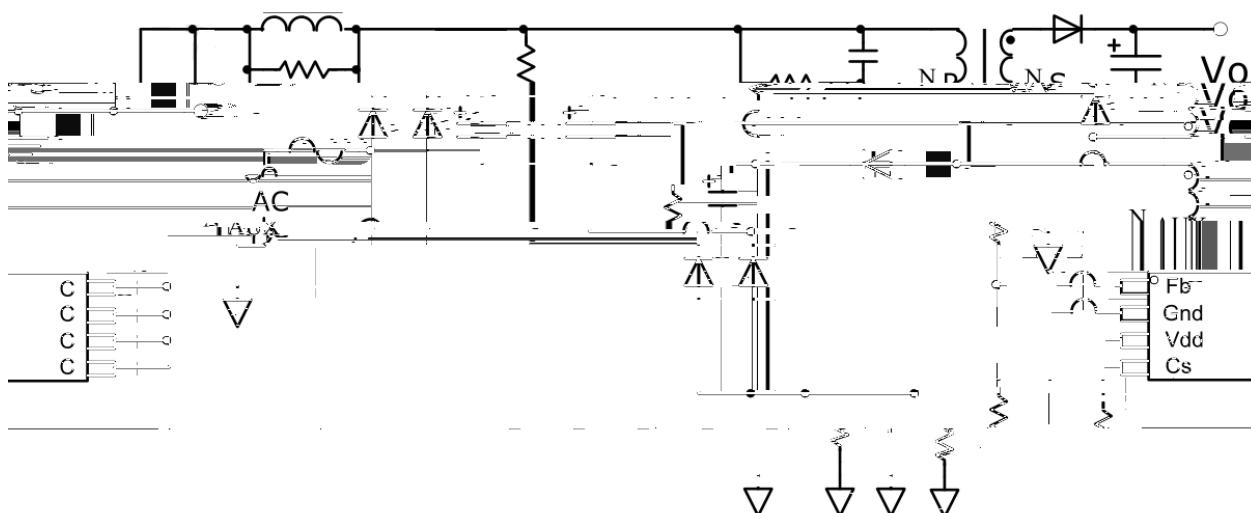
/ Features

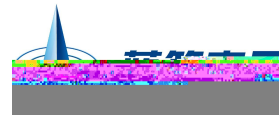
-

/ Applications

- ◆◆

/ Application Circuit





/ Product Series

	BJT VCBO	90~264V
BRAD6255ASC	700V	12W
BRAD6255BSC	700V	10W

/ Pinning



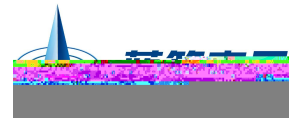
1	Fb	
2	Gnd	
3	Vdd	
4	Cs	
5 6 7 8	C	BJT C

/ Marking

See Marking Instructions

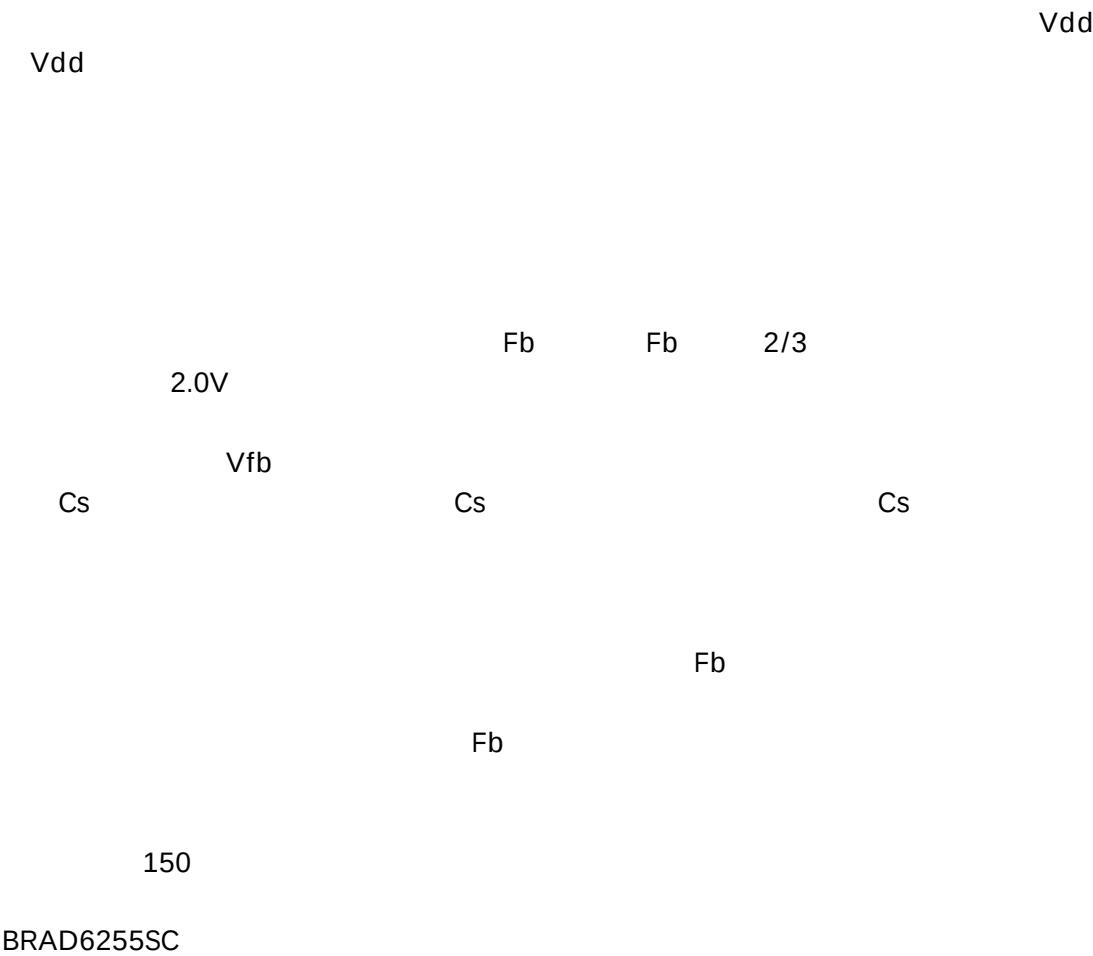
/ Absolute Maximum Ratings(Ta=25 °C)

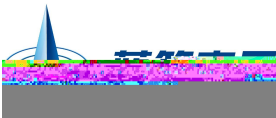
Parameter	Symbol	Rating	Unit
Vdd	Vdd	-0.3~26	V
Fb	Fb	-0.3~6	V
CS	Cs	-0.3~6	V
C	C	450	V
10s	T _L	260	
	T _{opr}	-40~150	
	T _{stg}	-65~150	°C



Parameter	Symbol	TbB
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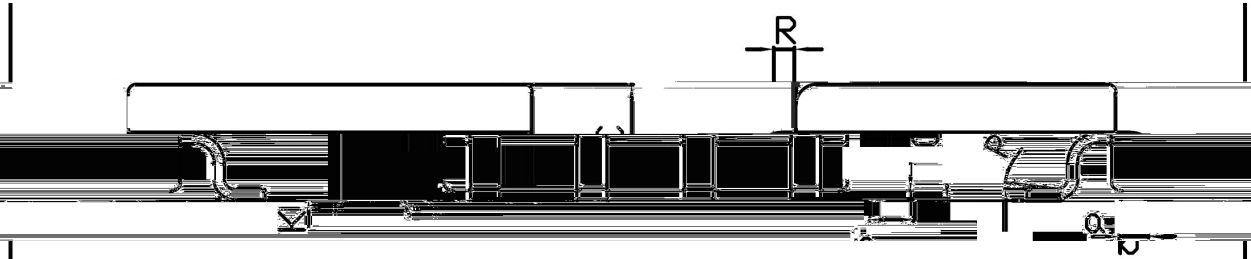
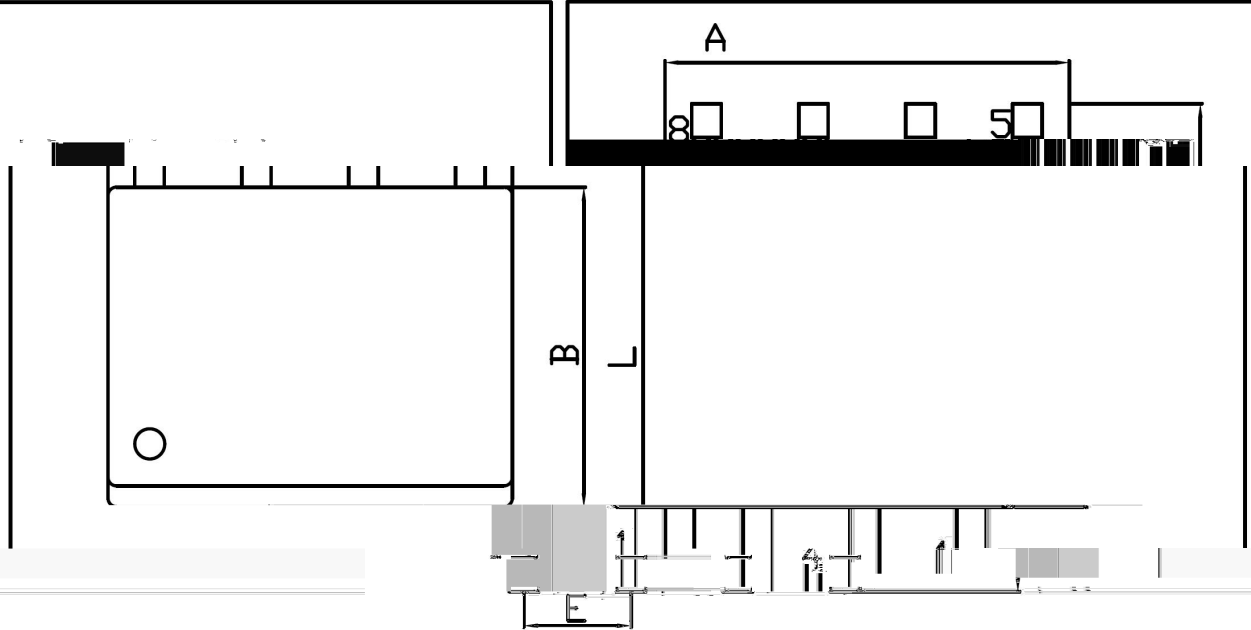
/ Functional Description





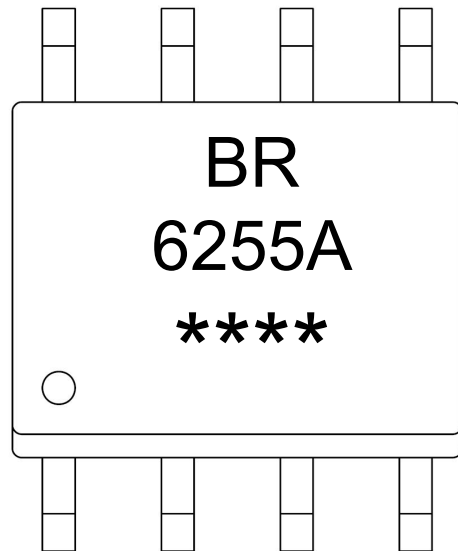
/ Package Dimensions

UNITED STATES OF AMERICA



Dimensions In Millimeters		Symbol		Dimensions In Millimeters		Symbol	
1.25	7°	E	1.27BSC	P	0°	b	0.4
		K	3.12				

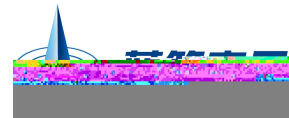
/ Marking Instructions



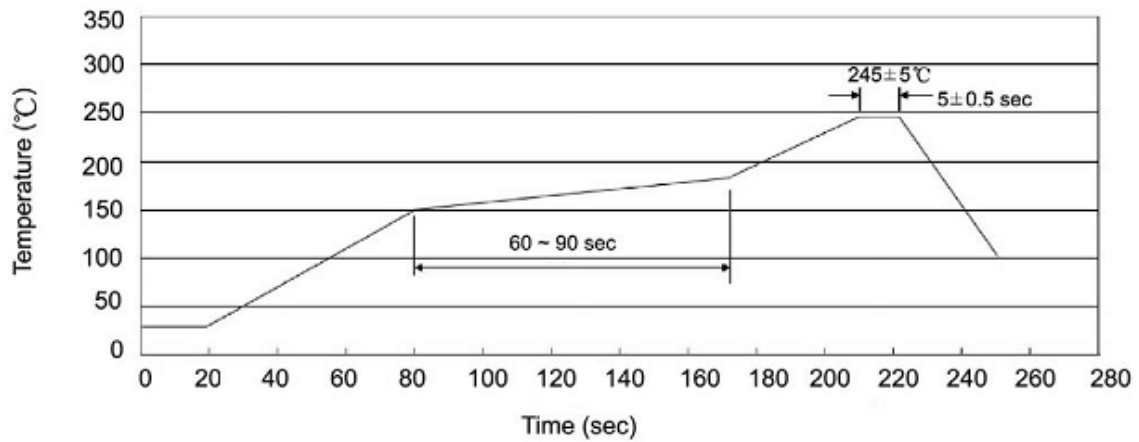
BR		
6255A	6255A	6255B

Note

BR	Company Code
6255A	Product Type 6255A or 6255B
****	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

/ Packaging SPEC.

/ REEL

Package Type 封装形式	Units 包装数量					Dimension 包装尺寸 (unit: mm ³) Reel
	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	