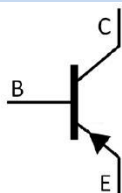


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TO-263 PNP Silicon PNP transistor in a TO-263 Plastic Package.

45-50W BR2SD718B
 For 45-50W audio frequency amplifier output stage, Complementary to BR2SD718B.

Designed for use in audio frequency amplifier.



PIN1 Base PIN 2 4 Collector PIN 3 Emitter

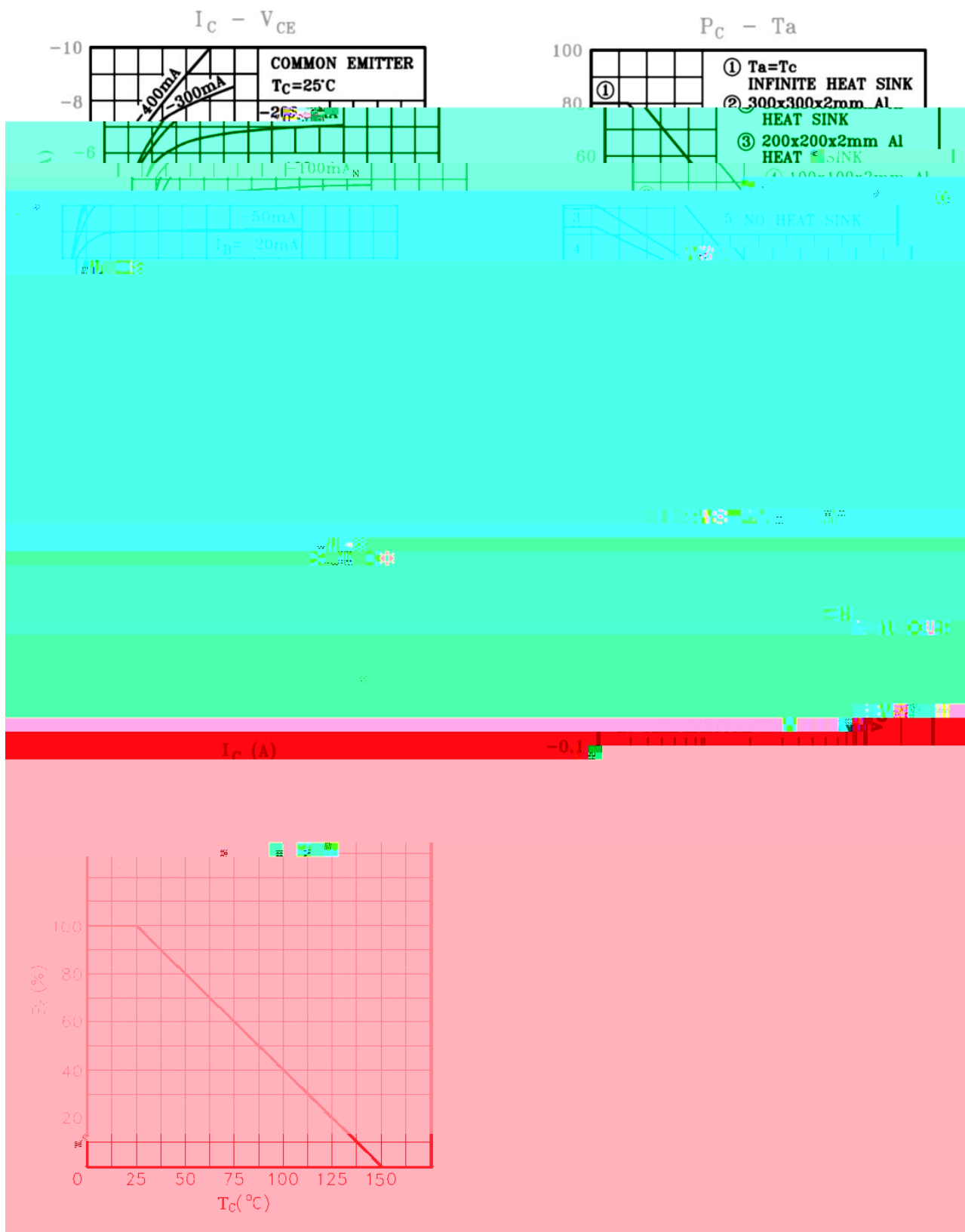
h_{FE} Classifications Symbol	R	O
h_{FE} Range	55~110	80~160

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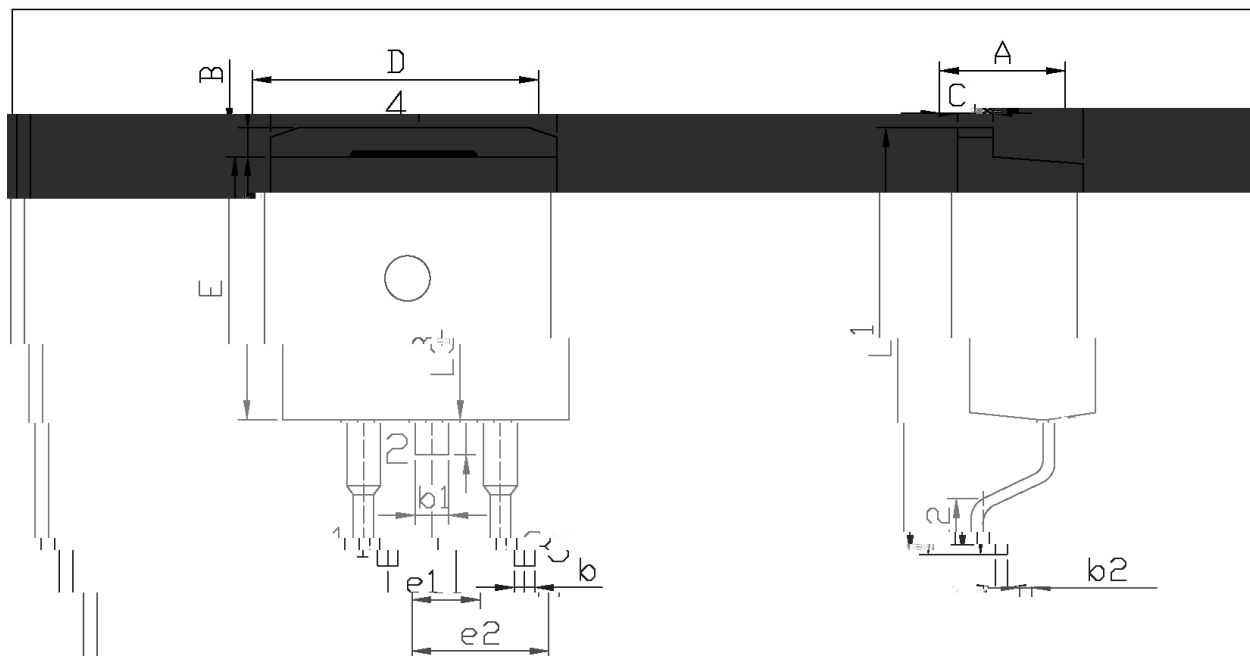
Parameter	Symbol	Rating	Unit
Collector to Base Voltage	V_{CBO}	-120	V
Collector to Emitter Voltage	V_{CEO}	-120	V
Emitter to Base Voltage	V_{EBO}	-5	V
Collector Current - Continuous	I_C	-10	A
Base Current	I_B	-1	A
Collector Power Dissipation	$P_C(TC=25^\circ C)$	80	W
Junction Temperature	T_j	150	
Storage Temperature Range	T_{stg}	-55 ~ 150	

Parameter	Symbol	Test Conditions	Min	Typ	Max	Unit
Collector to Emitter Breakdown Voltage	V_{CEO}	$I_C=-50mA$ $I_B=0$	-120			V
Collector Cut-Off Current	I_{CBO}	$V_{CB}=-120V$ $I_E=0$			-10	A
Emitter Cut-Off Current	I_{EBO}	$V_{EB}=-5.0V$ $I_C=0$			-10	A
DC Current Gain	h_{FE}	$V_{CE}=-5.0V$ $I_C=-1.0mA$	55		160	1

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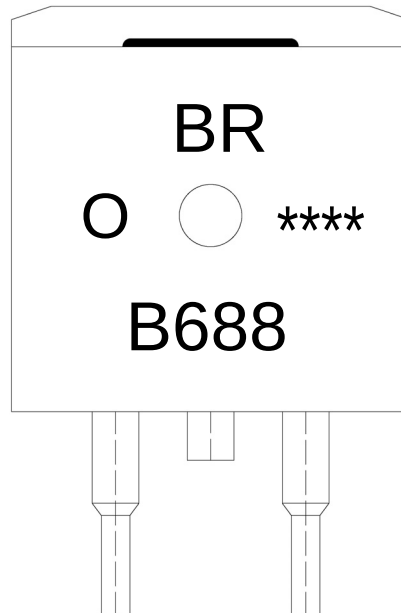
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单位: mm

Dimensions In Millimeters		Dimensions In Millimeters	
Symbol	Min	Symbol	Min
A	4.30	E	9.00
B	1.00	e1	2.34
b	0.70	e2	4.88
b1	1.15	L	15.00

TT-263



BR

B688

O: h_{FE}

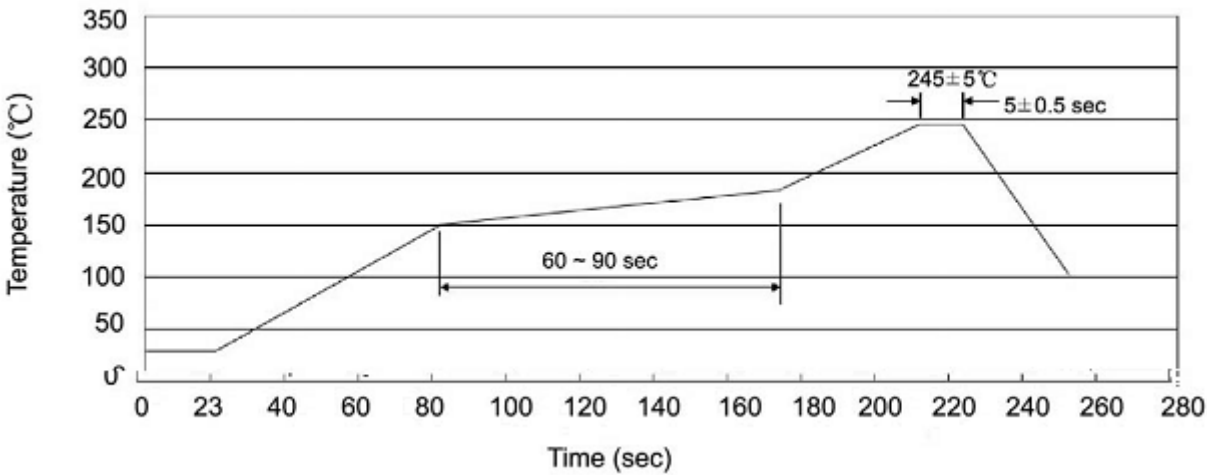
Note:

BR: Company Code.

B688: Product Type.

O: h_{FE} Classifications Symbol.

****: Lot No. Code, code change with Lot No.



Note:

- 1

25 150

60 90sec;

1.Preheating:25~150 , 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 封装形式	Units 包装数量					Dimension 包装尺寸 (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 盒	Outer Box 箱