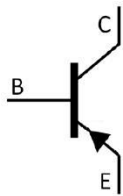


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Silicon PNP transistor in a TO-263Plastic Package.

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

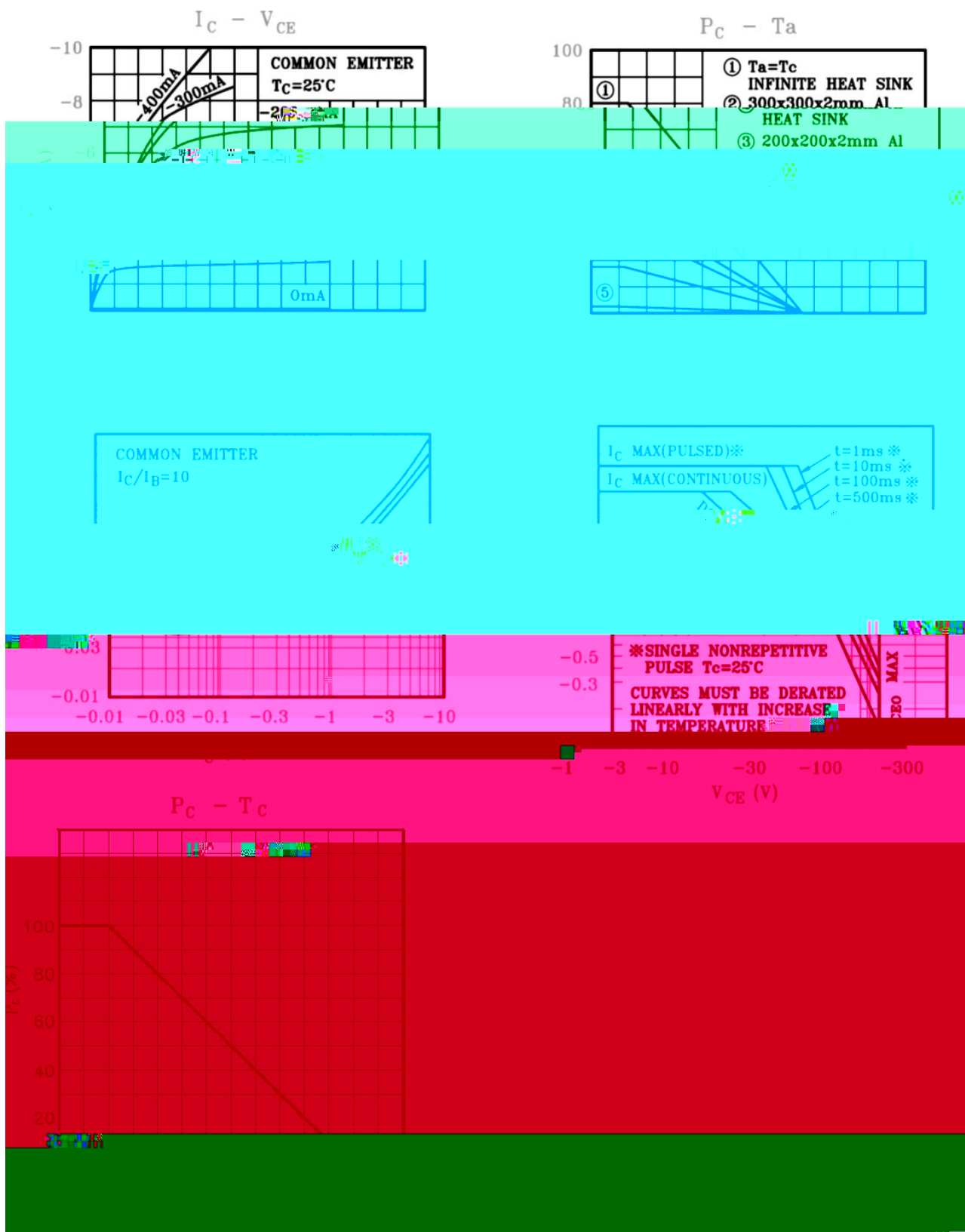
h_{FE} Classifications Symbol	R	O
h_{FE} Range	55~110	80~160

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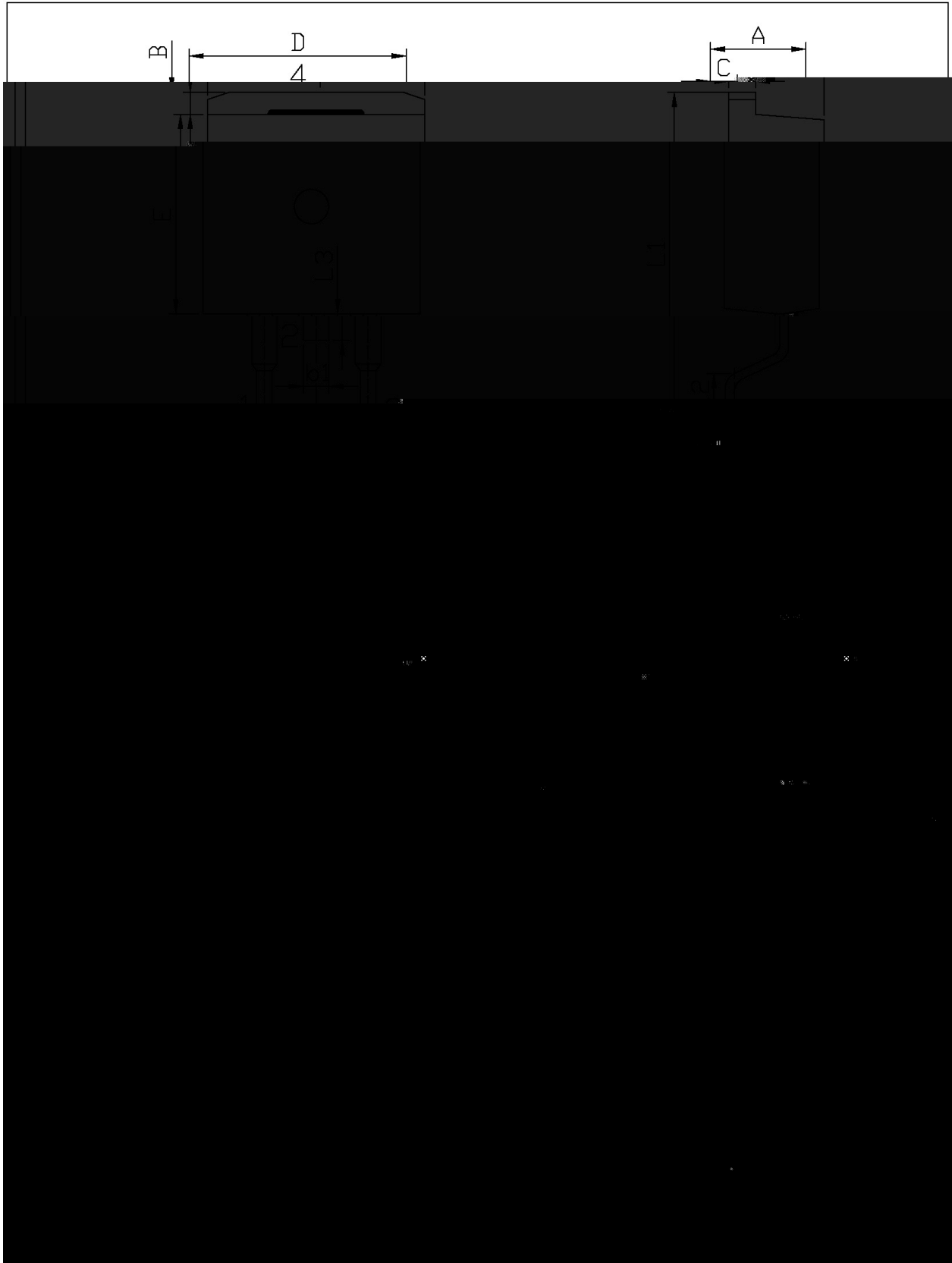
Parameter	Symbol	Rating	Unit
Collector to Base Voltage	V_{CBO}	-120	V
Collector to Emitter Voltage	V_{CEO}	-120	V
Emitter to Base Voltage	V_{EBO}	-5	V
Collector Current - Continuous	I_C	-10	A
Base Current	I_B	-1	A
Collector Power Dissipation	$P_C(TC=25^\circ C)$	80	W
Junction Temperature	T_j	150	
Storage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

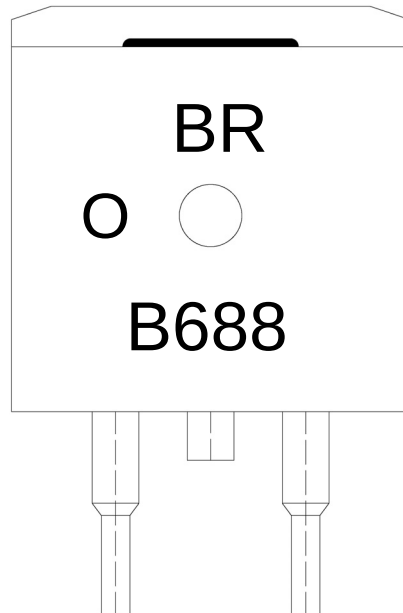
Parameter	Symbol	Test Conditions	Min	Typ	Max	Unit
Collector to Emitter Breakdown Voltage	V_{CEO}	$I_C=-50mA$ $I_B=0$	-120			V
Collector Cut-Off Current	I_{CBO}	$V_{CB}=-120V$ $I_E=0$			-10	A
Emitter Cut-Off Current	I_{EBO}	$V_{EB}=-5.0V$ $I_C=0$			-10	A
DC Current Gain	h_{FE}	$V_{CE}=-5.0V$ $I_C=-1.0A$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

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Note:

BR: Company Code.

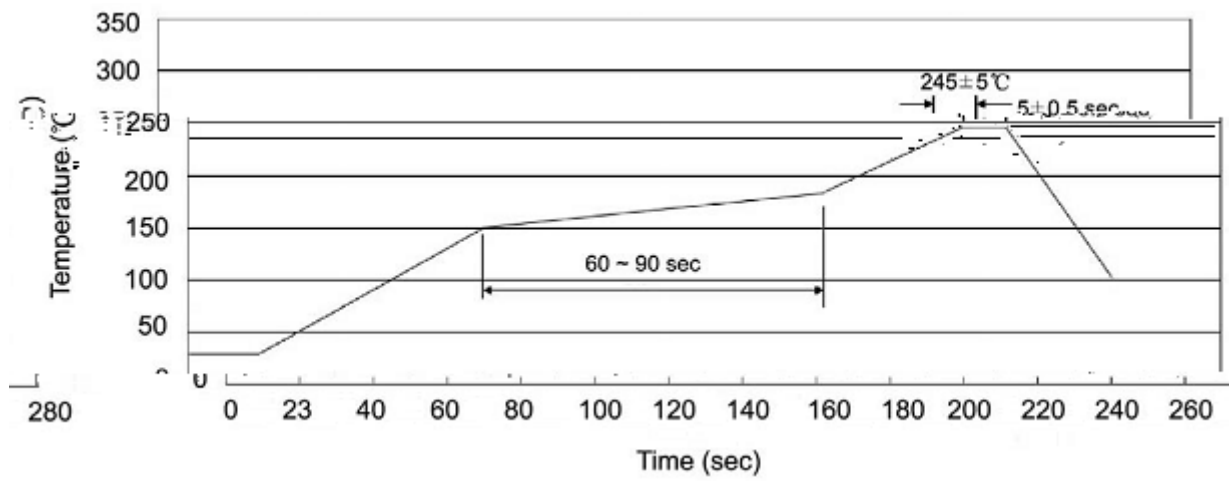
B688: Product Type.

O: h_{FE} Classifications Symbol.

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



Temperature Profile for IR Reflow Soldering(Pb-Free)



Note:

- 1

25 150

60 90sec;
- 2

245 5

5 0.5sec;
- 3

2 10 /sec.
- 1.Preheating:25~150

, Time:60~90sec.
- 2.Peak Temp.:245 5

, Duration:5 0.5sec.
3. Cooling Speed: 2~10

/sec.

260 5

10 1 sec.

Temp.:260±5

Time:10±1 sec

/ REEL

Package Type	Units 包装数量					Dimension	包装尺寸 (unit: mm ³)	
封装形式	只	卷盘	卷盘	盒	只	盒	只	箱