BR3197

Rev.D Dec.-2015

蓝箭电子
BLUE ROCKET ELECTRONICS
DATA SHEET

/ Descriptions

WR0<5 ṂṂ Ŀ QSQ ᴁṀ ɥ s ǁ ˥ Silicon NPN transistor in a TO-92 Plastic Package.

/ Features

ɰ ˋ ϫ/k$_{IH}$ ɫ ớ Ḅ

High gain, good linearity of h_{FE}.

/ Applications

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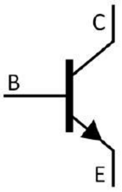
TV final picture IF amplifier applications.

/ Equivalent Circuit



/ Pinning

PIN1 χ Collector PIN 2 χ Emitter PIN 3 χ Base

/ hFE Classifications & Marking

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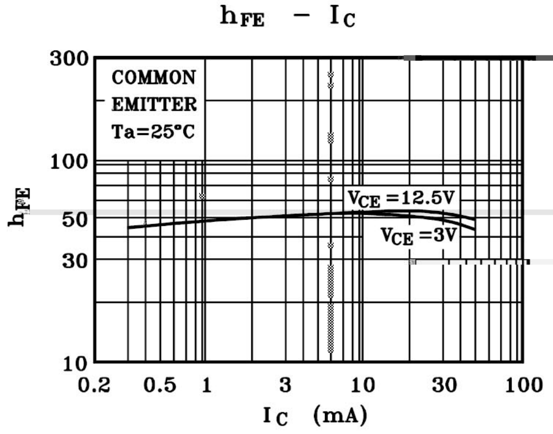
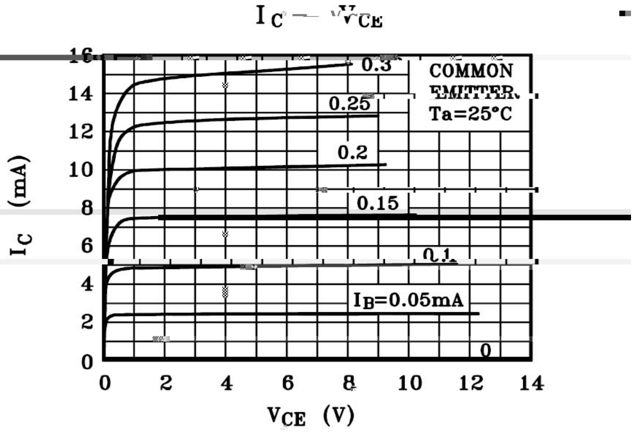
Parameter	Symbol	Rating	Unit
Collector to Base Voltage	V_{CBO}	30	V
Collector to Emitter Voltage	V_{CEO}	25	V
Emitter to Base Voltage	V_{EBO}	4.0	V
Collector Current - Continuous	I_C	50	mA
Emitter Current - Continuous	I_E	-50	mA
Collector Power Dissipation	P_C	300	mW
Junction Temperature	T_j	150	
Storage Temperature Range	T_{stg}	-55 150	

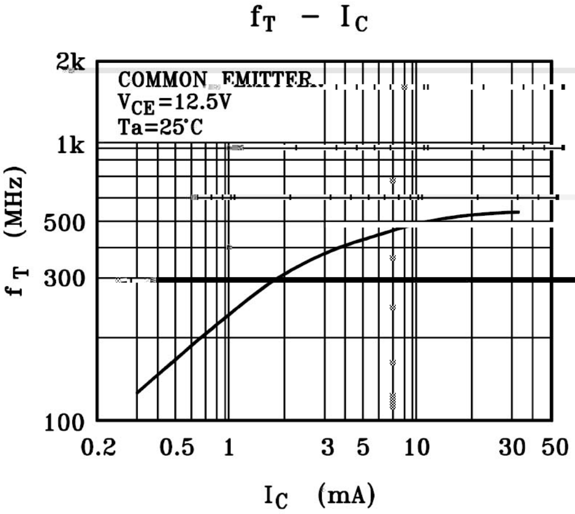
[redacted]

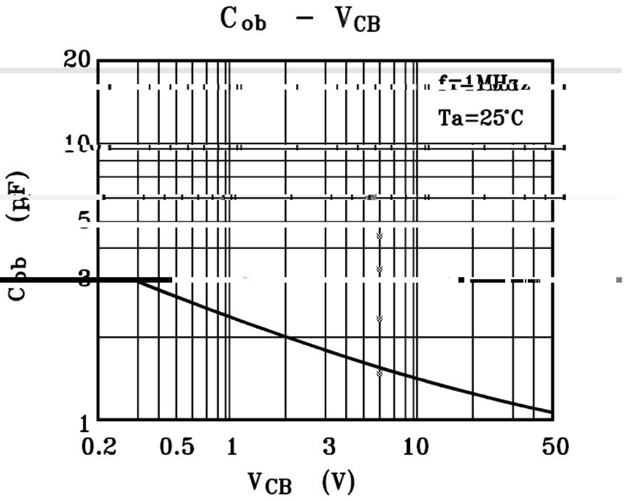
Parameter	Symbol	Test Conditions	Min	Typ	Max	Unit
[redacted] Voltage	V_{CEO}	I_C=10mA I_B=0	25			V

/ Electrical Characteristic Curve



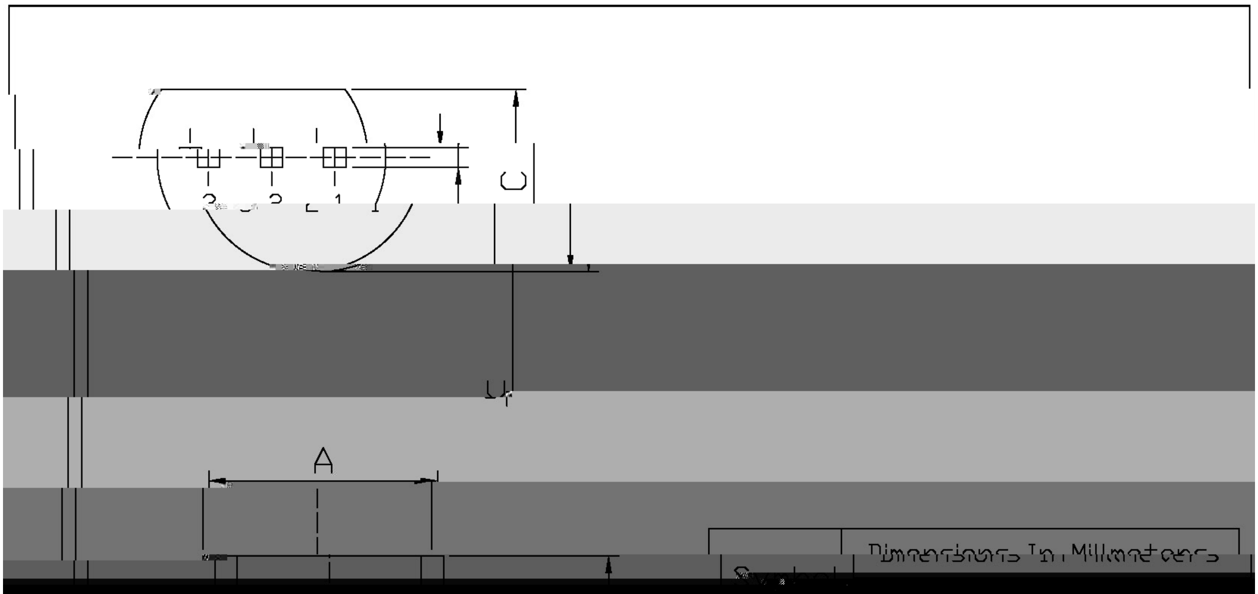




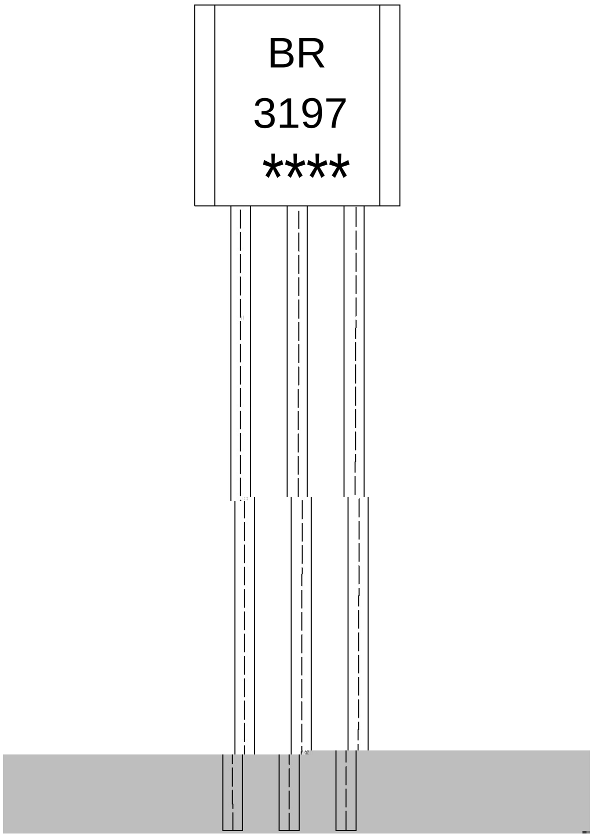


/ Package Dimensions

TO-92 Unit: mm



/ Marking Instructions



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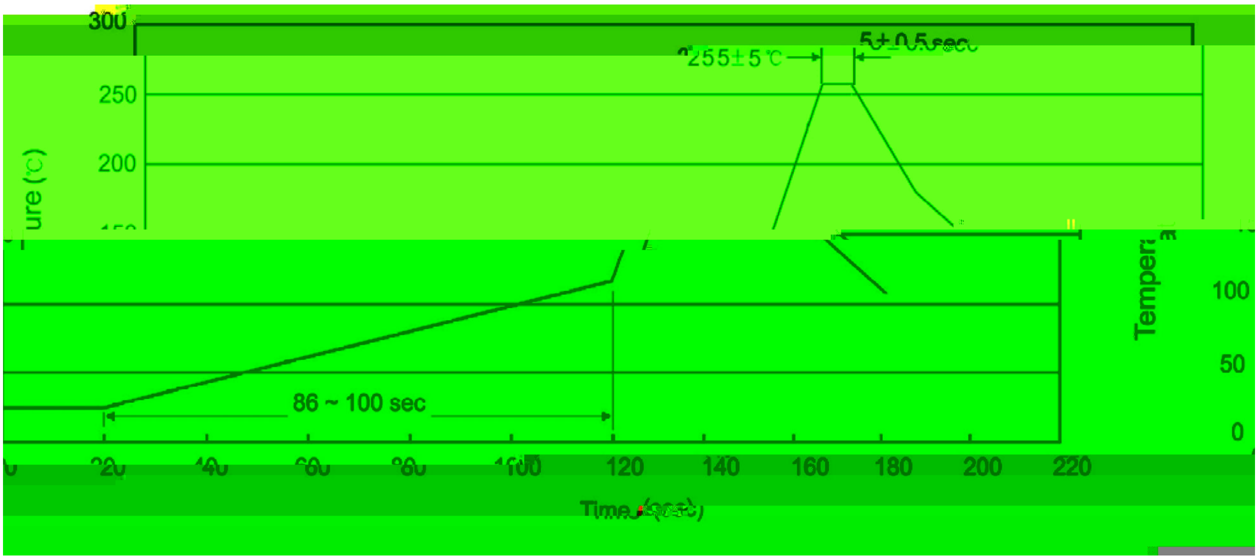
Note:

BR: Company Code.

3197: Product Type.

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

(　　)　/　Temperature Profile for Dip Soldering(Pb-Free)



ب ˇ χ
1 ǐ ♬ □ ŷ 25 Ḱ 150 ł ı `H ڑ 60 Ḱ 90sec;
2 Š Ӫ □ ŷ 255 ° 5 ł ı `H ڑ 'Y ㅆ ㅉ 5 ° 0.5sec;
3 ì ˙ ˥ ˛ ɔ ჰ ŷ ㅉ 2 Ḱ 10 ł /sec.

Note:
1.Preheating:25~150 ł , Time:60~90sec.
2.Peak Temp.:255 ° 5 ł , Duration:5 ° 0.5sec.
3. Cooling Speed: 2~10 ł /sec.

/　Resistance to Soldering Heat Test Conditions

□ ŷ χ 270 ° 5 ł　　`H ڑ χ 10 ° 1 sec.　　Temp:270±5　　Time:10±1 sec

/　Packaging SPEC.

"Ω ţ γ ŀ　/　BULK