/ Descriptions

WR0<5 ṂṂÞ SQS ÆṀ ч s ǁ ㄱ Silicon PNP transistor in a TO-92 Plastic Package.

/ Features

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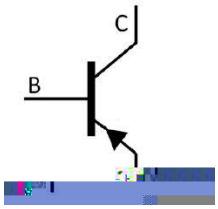
Low noise, high DC current gain, high breakdown voltage.

/ Applications

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Low noise audio amplifier applications.

/ Equivalent Circuit



/ Pinning



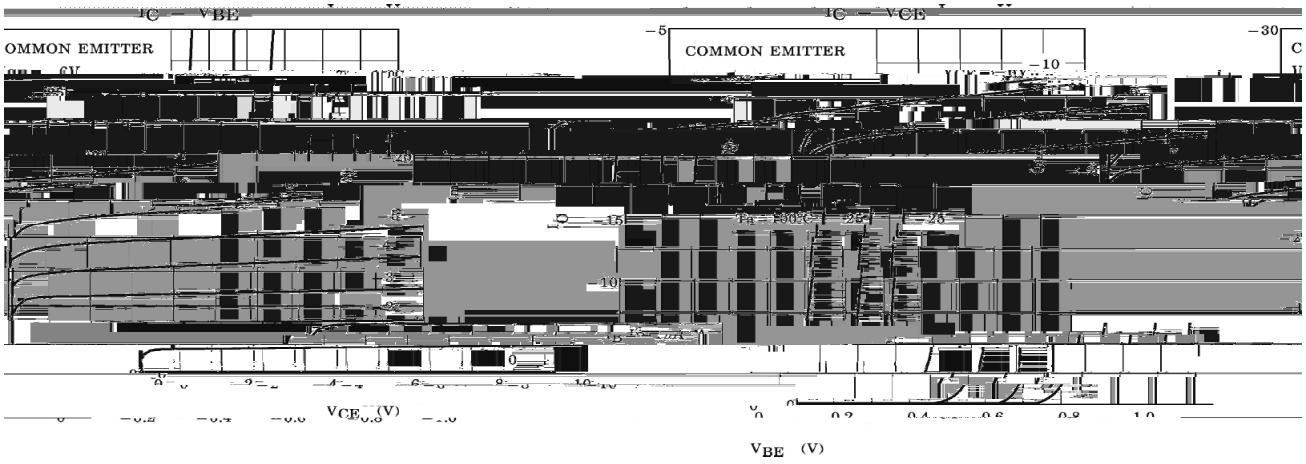
PIN1 χ Base PIN 2 χ Collector PIN 3 χ Emitter

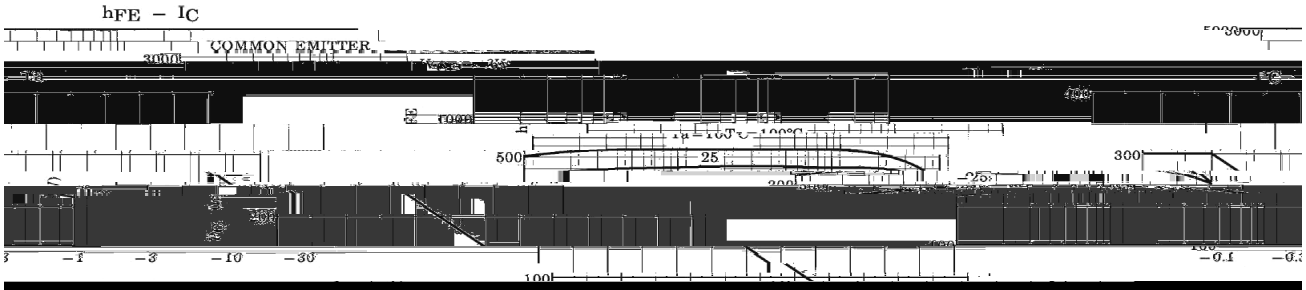
/ hFE Classifications & Marking

h_{FE} Classifications Symbol	GR	BL
h_{FE} Range	200~400	350~700

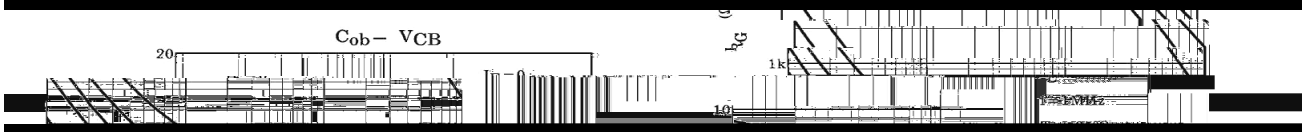
v ‴Ω Parameter	ϒ N Symbol	‴Ω Ö Rating	D Ч Unit
Collector to Base Voltage	V_{CBO}	-120	V
Collector to Emitter Voltage	V_{CEO}	-120	V
Emitter to Base Voltage	V_{EBO}	-5.0	V
Collector Current - Continuous	I_C	-100	mA
Emitter Current – Continuous	I_E	100	mA
Collector Power Dissipation	P_C	300	mW
Junction Temperature	T_j	152 591iw560.J/TT7 161 Tf2ϑ TD0107	

/ Electrical Characteristic Curve



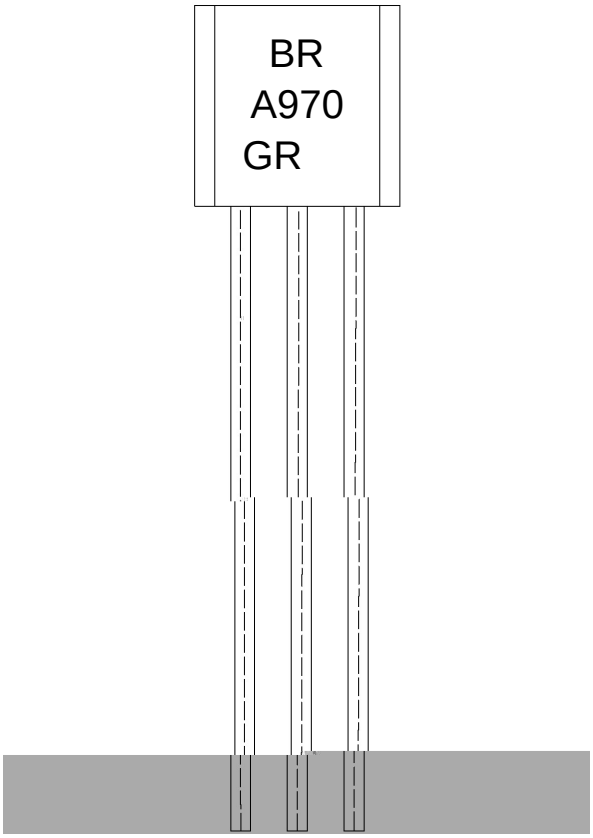


[redacted]



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/ Marking Instructions

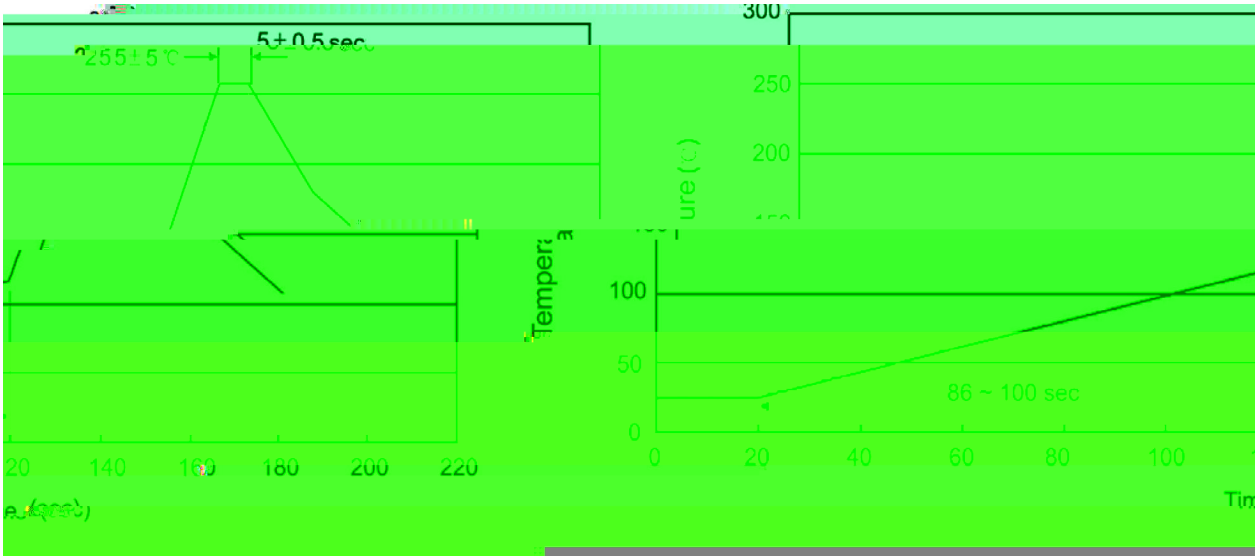


ب ˝ χ	
EU=	⊮ ϗ И Ґ
D<:3 χ	⊮ ϳ N Ґ
JU=	⊮ h_{FE} ‘ 6 Ґ
---- χ	⊮ ı ғ ӈ̈ N Ґ ı ₰ ı ғ ӈ̈ N Ψ ק

Note:

BR:	Company Code.
A970:	Product Type Code.
GR:	h_{FE} Classifications Symbol
****:	Lot No. Code,code change with Lot No.

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



ب ˝ χ

1 Ĺ ♬ □ ỷ 25 Ḱ 150 ł ı ˋH ڑ 60 Ḱ 90sec;

2 Š Ө □ ỷ 255 ° 5 ł ı ˋH ڑ ˋY ﾊ ㎛ 5 ° 0.5sec;

3 ì ˙ ﾘ ˛ ɔ ﻉ ỷ ㎛ 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

□ ỷ χ 270 ° 5 ł ˋH ڑ χ 10 ° 1 sec. Temp:270±5 Time:10±1 sec

/ Packaging SPEC.

ˈỌ ţ ﾔ Ł / BULK

Package Type	Units					Dimension		(unit mm3)

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