/ Descriptions

WR0<5 ṂṂ Ƀ SQS ÆṀ ч s ‖ ㄱ Silicon PNP transistor in a TO-92 Plastic Package.

/ Features

лъ NVF<78 Ӣ ´

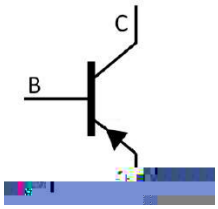
Complementary pair with KSC945.

/ Applications

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Low frequency amplifier applications.

/ Equivalent Circuit



/ Pinning



PIN1 χ Collector PIN 2 χ Base PIN 3 χ Emitter

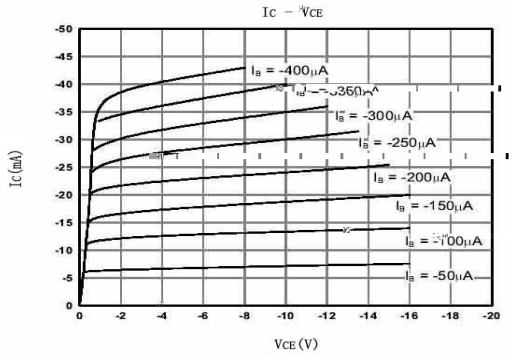
/ hFE Classifications & Marking

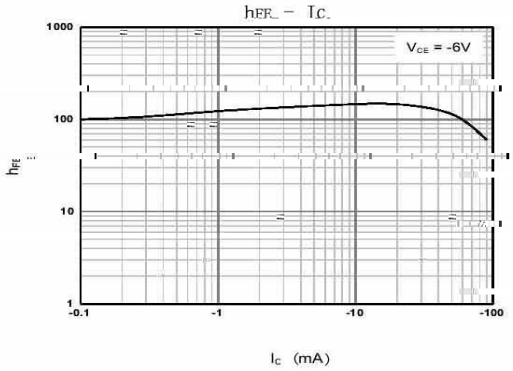
h_{FE} Classifications Symbol	R	O	Y	G	L
h_{FE} Range	40~80	70~140	120~140	200~400	350~700

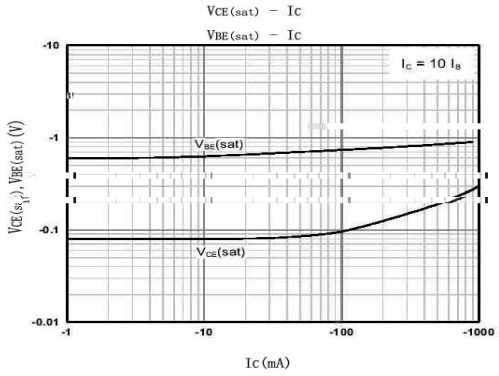
v ‴Ω Parameter	↰ N Symbol	‴Ω Ö Rating	D Ђ Unit
Collector to Base Voltage	V_{CBO}	-60	V
Collector to Emitter Voltage	V_{CEO}	-50	V
Emitter to Base Voltage	V_{EBO}	-5.0	V
Collector Current - Continuous	I_C	-150	mA
Collector Power Dissipation	P_C	250	mW
Junction Temperature	T_j	150	
Storage Temperature Range	T_{stg}	-55 150	

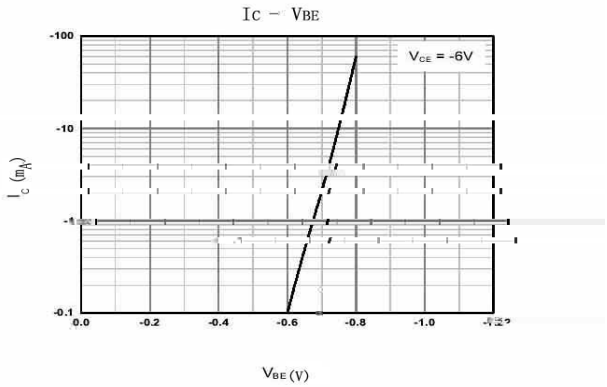
v ‴Ω Parameter	↰ N Symbol	⍦ ⁝ ⍞ ⍧

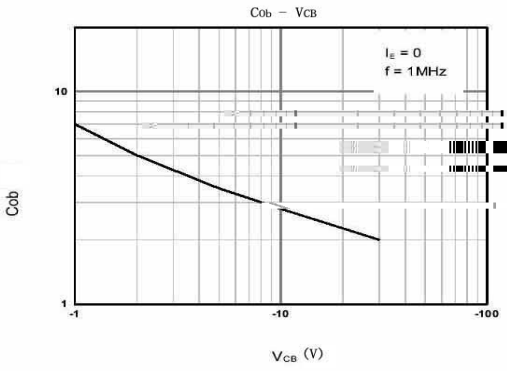
/ Electrical Characteristic Curve

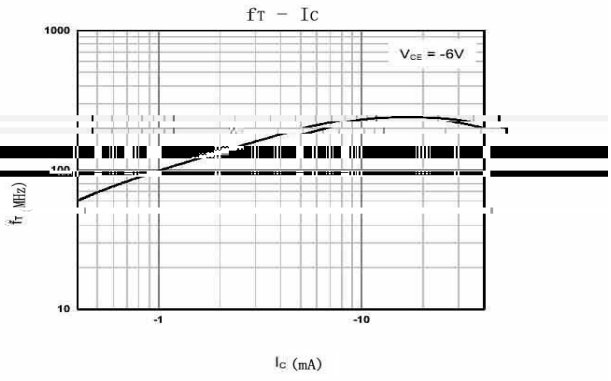




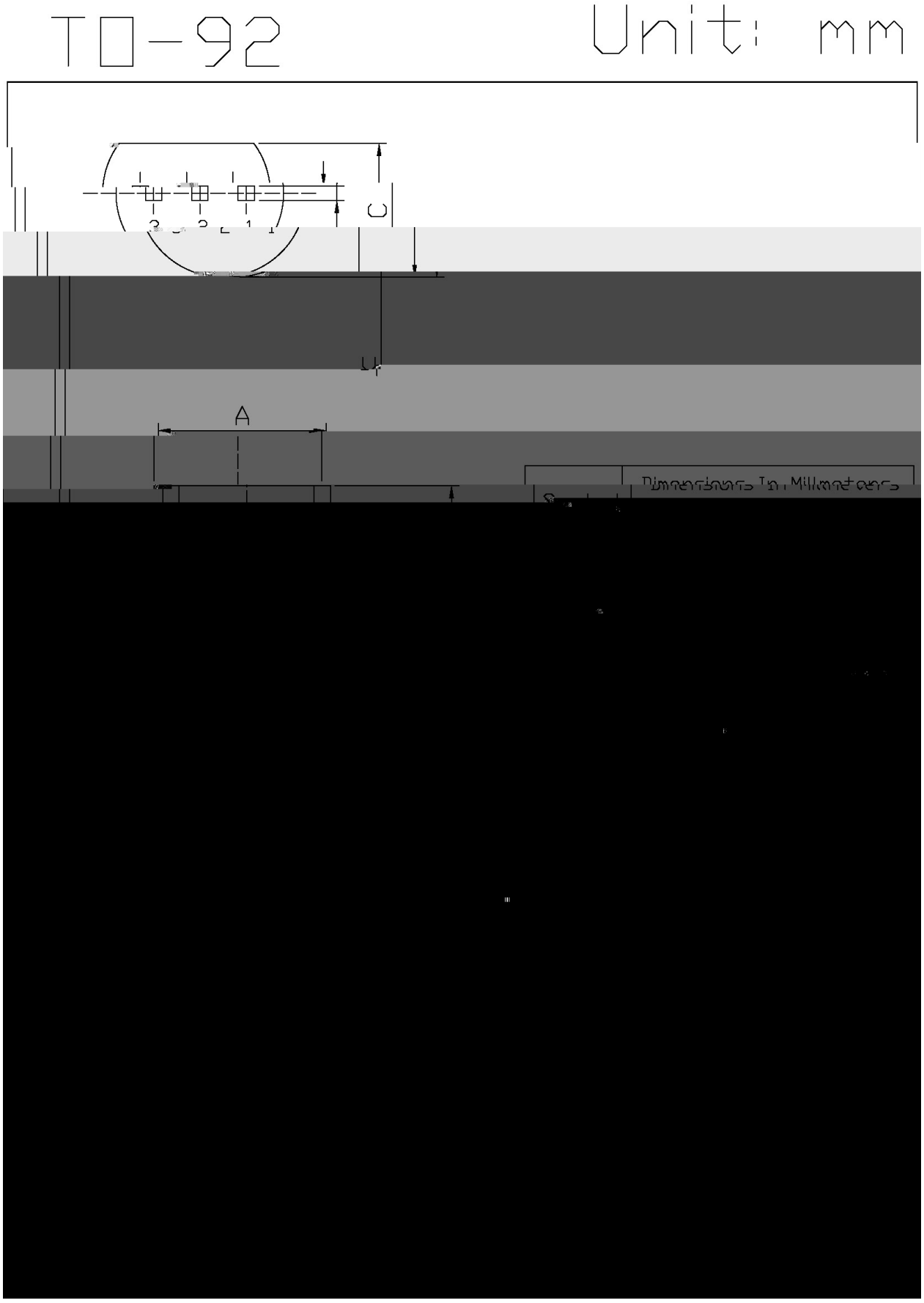




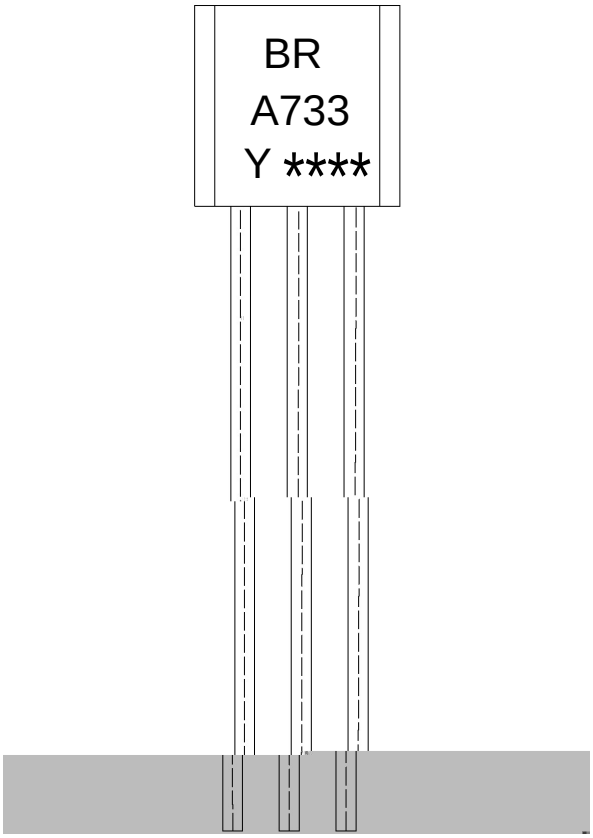




/ Package Dimensions



/ Marking Instructions



ب ˝ χ

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D : 66 χ	ﻫ ʒ N Ґ
\=	ﻫ k IH ‘ 6 Ґ
---- χ	ﻫ ı ғ ӈ N Ґ ı ɸ ı ғ ӈ N Ψ ק

Note:

BR:	Company Code.
A733:	Product Type.
Y:	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 ɬ ı `H ڑ 60 Ḱ 90sec;

2 Š Ө □ ỷ 255 ° 5 ɬ ı `H ڑ `Y ﾍ ᠷ 5 ° 0.5sec;

3 ì ˙ ϒ ˛ ɔ ଌ ỷ ᠷ 2 Ḱ 10 ɬ /sec.

Note:

1.Preheating:25~150 ɬ , Time:60~90sec.

2.Peak Temp.:255 ° 5 ɬ , Duration:5 ° 0.5sec.

3. Cooling Speed: 2~10 ɬ /sec.

/ Resistance to Soldering Heat Test Conditions

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

/ Packaging SPEC.

ˈQ ţ ϒ Ь / BULK

Package Type	Units					Dimension		(unit mm3)
	Units/Bag /	Bags/Inner Box /	Units/Inner Box /	Inner Boxes/Outer Box /	Units/Outer Box /	Bag	Inner Box	Outer Box
TO-92	1,000	10	10,000	5	50,000	135×190	237×172×102	560×245×195
	1,000	10	10,000	10	100,000	135×190	237×172×102	560×245×375

ﾍ Ṿ ϒ Ь / AMMO

Package Type	Units					Dimension	(unit mm3)
	Units/tape /	Tape/Inner Box /	Rows/Inner Box /	Inner Boxes/Outer Box /	Units/Outer Box /	Inner Box	Outer Box
TO-92	3,000	1	120	10	30,000	328×230×42	480×346×235 547×407×268

/ Notices