KSA733

Rev.E Mar.-2016

蓝箭电子
BLUE ROCKET ELECTRONICS

DATA SHEET

/ Descriptions

WR0<5 ṂṂĿ SQS ᴂṀ ɥ s Ⅱ ⺄ Silicon PNP transistor in a TO-92 Plastic Package.

/ Features

љ NVF<78 Йˏ ´

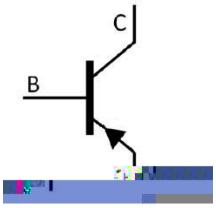
Complementary pair with KSC945.

/ Applications

ꝼ Ḩ ḭ ῷ ≵

Low frequency amplifier applications.

/ Equivalent Circuit



/ Pinning

PIN1 χ Collector PIN 2 χ Base PIN 3 χ Emitter

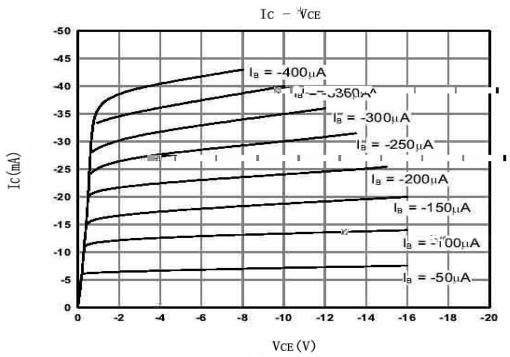
/ hFE Classifications & Marking

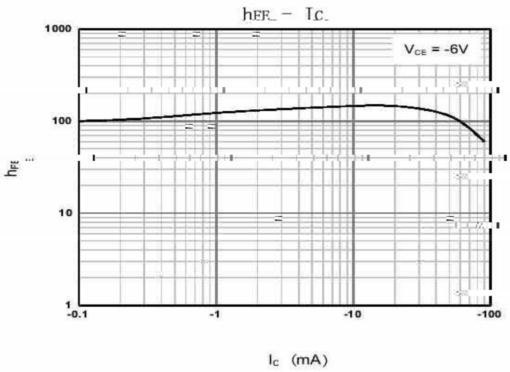
h_{FE} Classifications Symbol	R	O	Y	G	L
h_{FE} Range	40~80	70~140	120~140	200~400	350~700

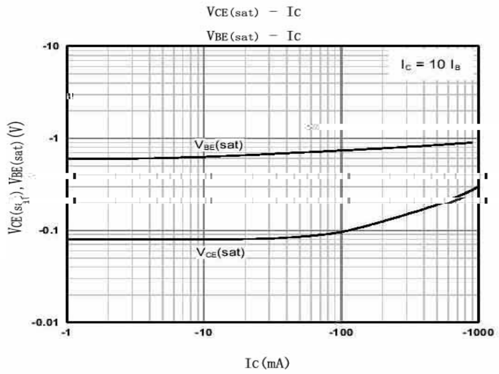
v ῼ Parameter	ɣ ᴺ Symbol	ῼ Ɵ̈ Rating	ᴅ Ꜧ Unit
Collector to Base Voltage	V_{CBO}	-60	V
Collector to Emitter Voltage	V_{CEO}	-50	V
Emitter to Base Voltage	V_{EBO}	-5.0	V
Collector Current - Continuous	I_C	-150	mA
Collector Power Dissipation	P_C	250	mW
Junction Temperature	T_j	150	
Storage Temperature Range	T_{stg}	-55 150	

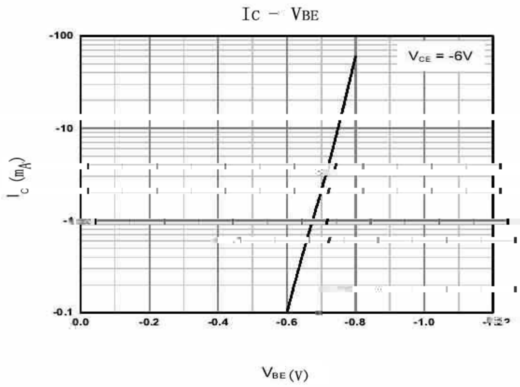
v ῼ Parameter	ɣ ᴺ Symbol	╜ ⁏↑ Ţ

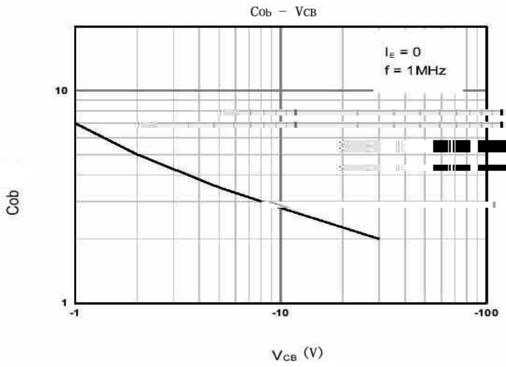
/ Electrical Characteristic Curve

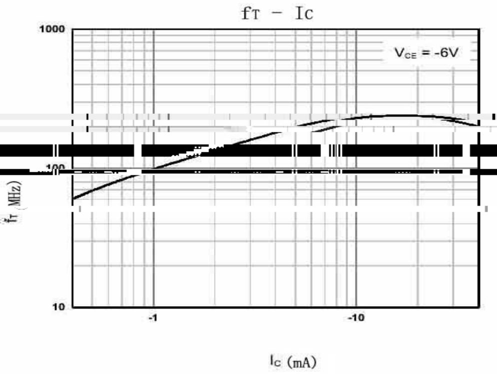






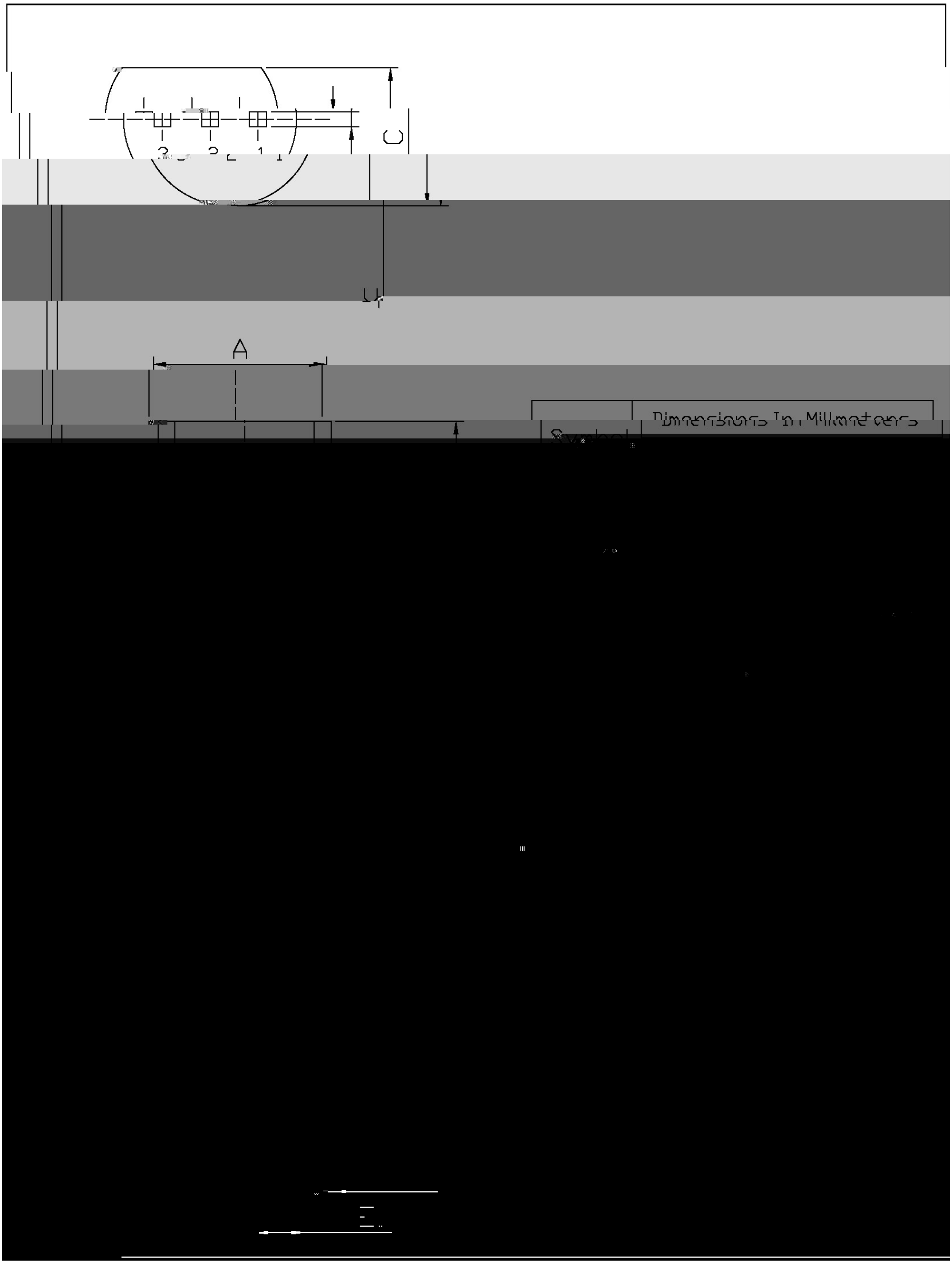




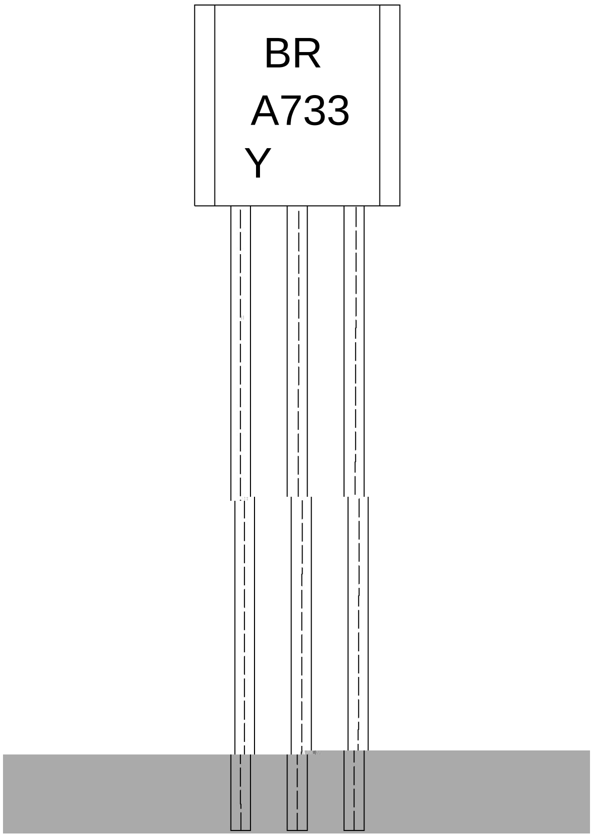


/ Package Dimensions

TO-92 Unit: mm



/ Marking Instructions



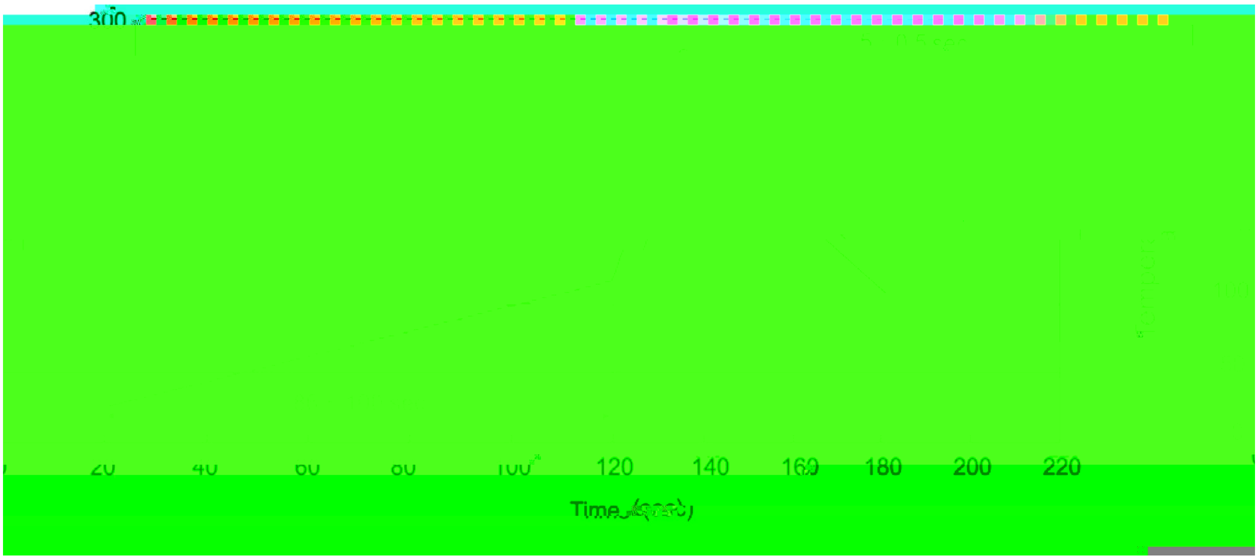
ب ˝ χ

EU꞊	Ѭ ʒ ᴎ Ꮒ
D : 66 χ	Ѭ ʒ ᴺ Ꮒ
\꞊	Ѭ k ɪʜ ˂ ⁶ Ꮒ
- - - - χ	Ѭ ꟷ ғ ἥ ᴺ Ꮒ ι ҽ ꟷ ғ ἥ 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	Note:
1 ĺ ♬ □ ŷ 25 Ḱ 150 ƚ ı `H ڗ 60 Ḱ 90sec;	1.Preheating:25~150 ƚ , Time:60~90sec.
2 Š Ѳ □ ŷ 255 ° 5 ƚ ı `H ڗ `Y ﾊ 㸟 5 ° 0.5sec;	2.Peak Temp.:255 ° 5 ƚ , Duration:5 ° 0.5sec.
3 ì ˙ Ү ˛ ɔ ঌ ŷ 㸟 2 Ḱ 10 ƚ /sec.	3. Cooling Speed: 2~10 ƚ /sec.

/ Resistance to Soldering Heat Test Conditions

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

/ Packaging SPEC.

῭Ω ҭ ү Ŀ / BULK

Package Type	Units					Dimension		(unit mm3)

ﾊ V ү Ŀ / AMMO

Package Type	Units					Dimension	(unit mm3)

/ Notices