2SC3356

Rev.F Apr.-2017

蓝箭电子 BLUE ROCKET ELECTRONICS

DATA SHEET

/ Descriptions

VRW056 ṂṂ Ḫ QSQ ÆṀ ч s ‖ ㄱ Silicon NPN transistor in a SOT-23 Plastic Package.

/ Features

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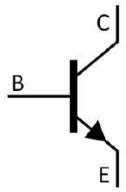
Low noise and high power gain.

/ Applications

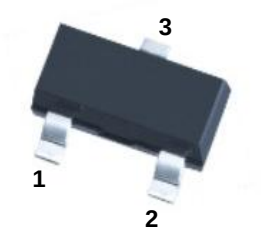
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low noise amplifier at VHF, UHF and CATV band applications.

/ Equivalent Circuit



/ Pinning



PIN1 χ Base PIN 2 χ Emitter PIN 3 χ Collector

/ h_{FE} Classifications & Marking

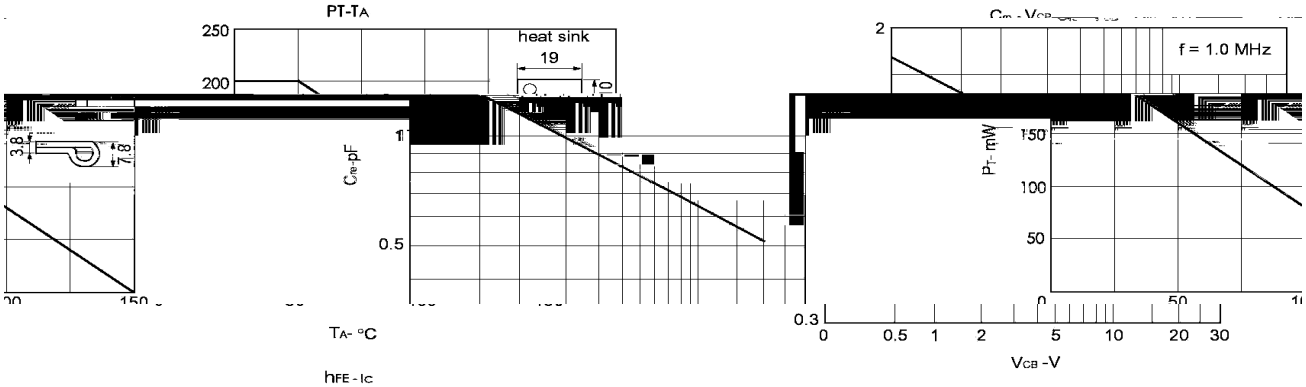
h_{FE} Classifications Symbol	Q	R	S	T
h_{FE} Range	50 100	80 160	125 250	200 330
Marking	HR23	HR24	HR25	HR26

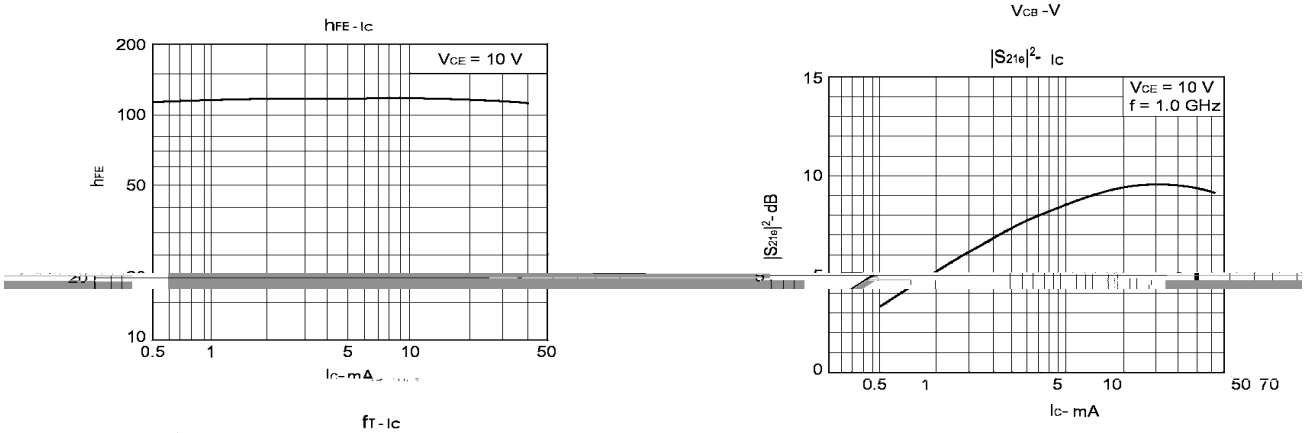
v ˝Ω Parameter	٩ N Symbol	˝Ω Ö Rating	D Ч Unit
Collector to Base Voltage	V_{CBO}	20	V
Collector to Emitter Voltage	V_{CEO}	12	V
Emitter to Base Voltage	V_{EBO}	3.0	V
Collector Current	I_C	100	mA
Collector Power Dissipation	P_C	200	mW
Junction Temperature	T_j	150	
Storage Temperature Range	T_{stg}	-55 150	

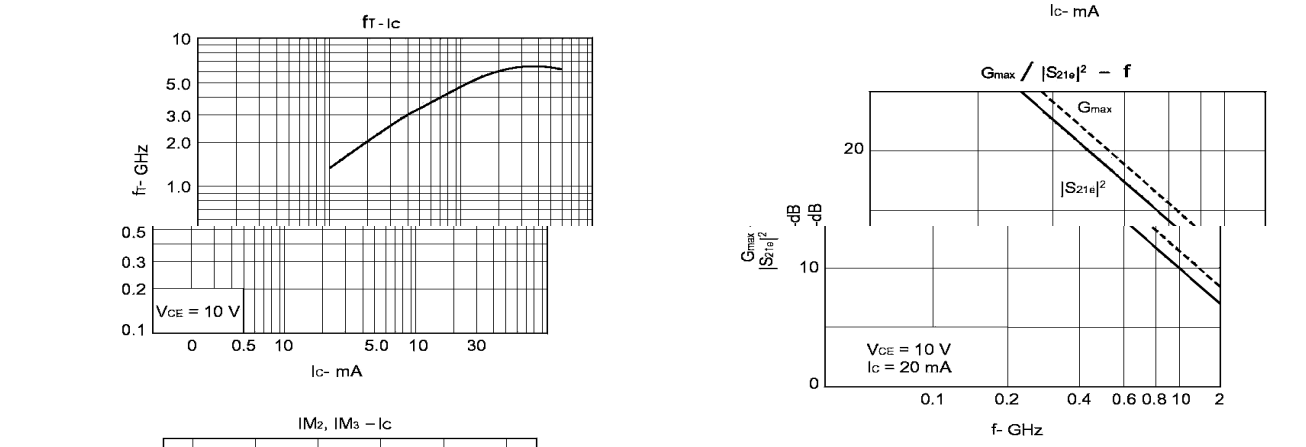
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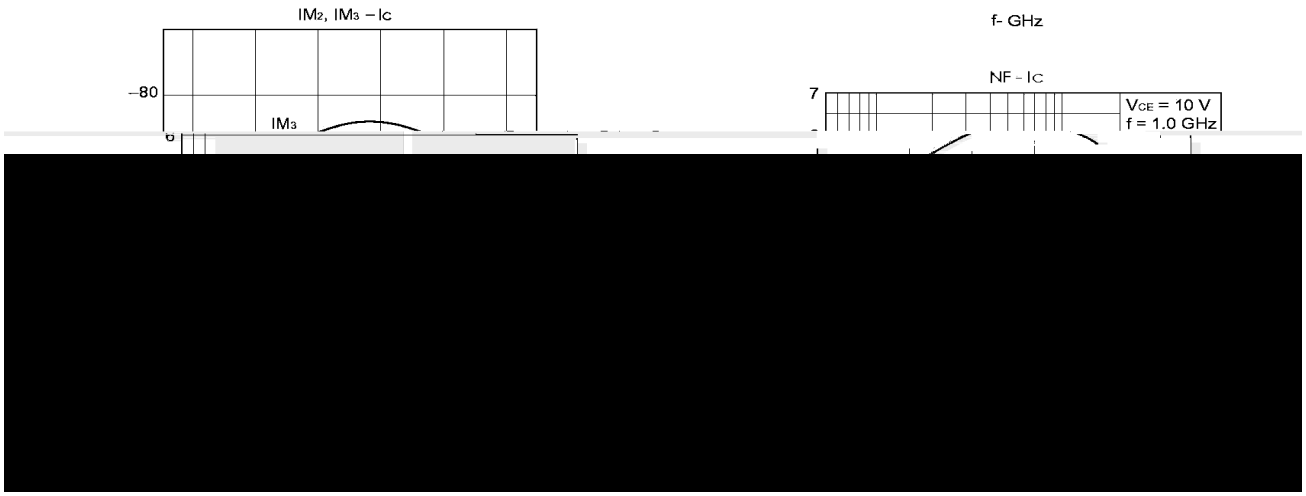
v ˝Ω Parameter	٩ N Symbol	Ш :ˆ Ţ Test Conditions	ώ ṇ Ö Min	Ɛ ʒ Ö Typ	ώ ᶻ Ö Max	D Ч Unit
Collector Cut-Off Current	I_{CBO}	V_{CB}=10V I_E=0			1.0	μA

/ Electrical Characteristic Curve

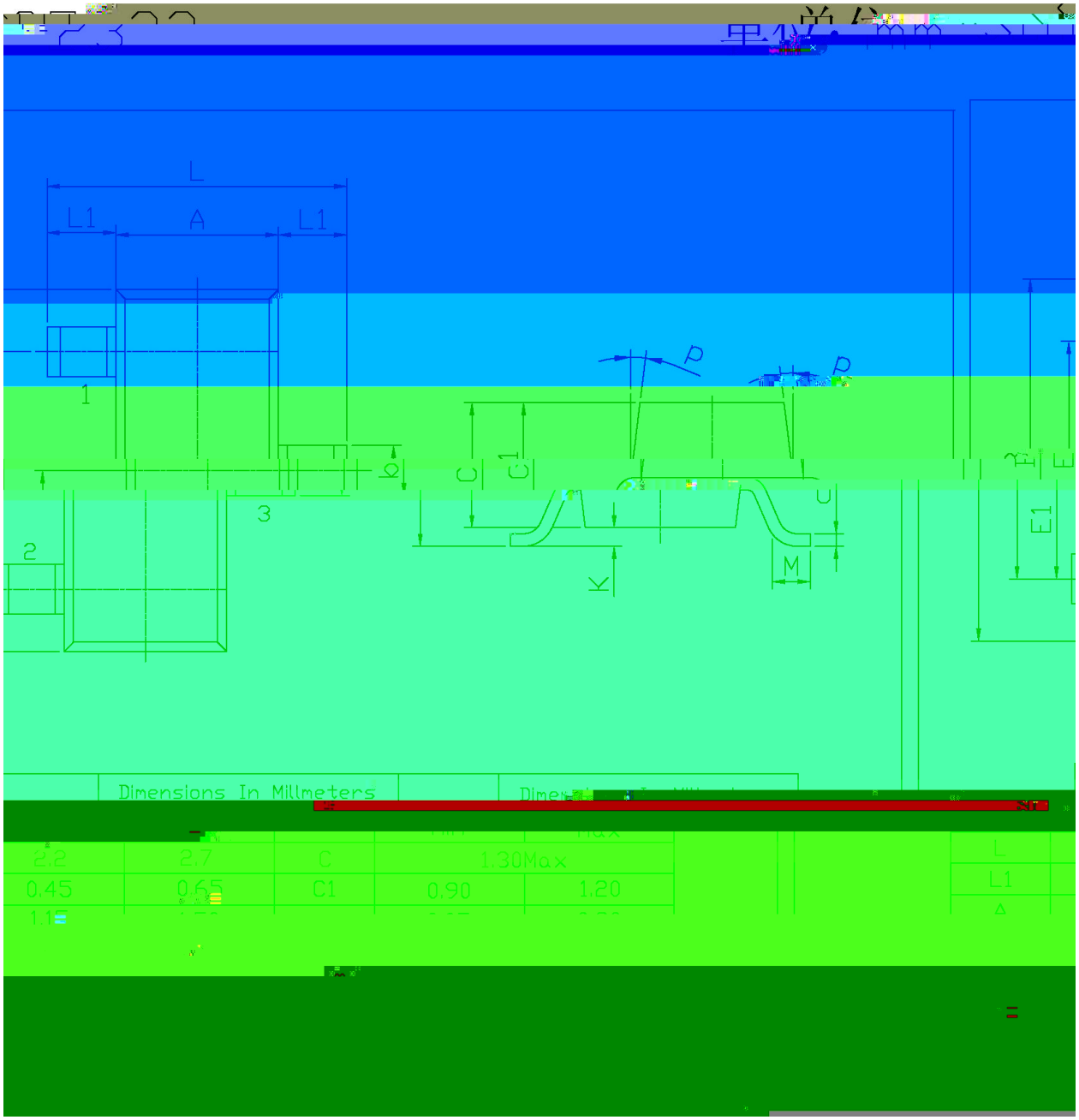




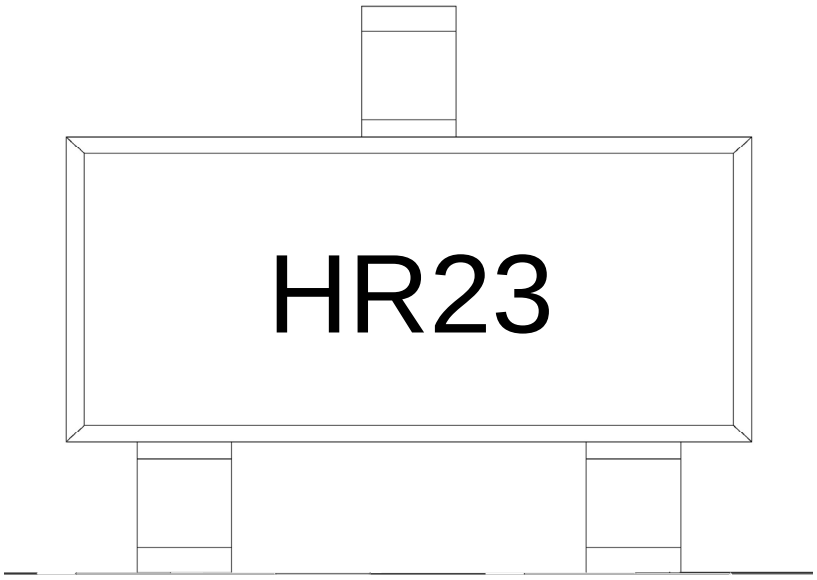




/ Package Dimensions



/ Marking Instructions



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K χ ᄒᄒ ᄀ ᄂᄀᄇ

U56 χ ᄒᄒ ᄀ ᄂᄀᄇ

Note:

K χ Company Code

U56 χ Product Type Code

( ) / Temperature Profile for IR Reflow Soldering(Pb Y