BFQ67W

Rev.E Mar.-2016

˜Yت / Descriptions

SOT-323 NPN Silicon NPN transistor in a SOT-323 Plastic Package.

◕ È / Features

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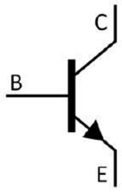
Small feedback capacitance, low noise figure, high f_T.

۷ ۑ / Applications

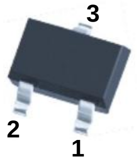
2GHz

Low noise small signal amplifiers up to 2 GHZ.

ЛӨ ᾇ ء ع / Equivalent Circuit



ẫ ﻻ ŭ / Pinning



PIN1 Emitter PIN 2 Base PIN 3 Collector

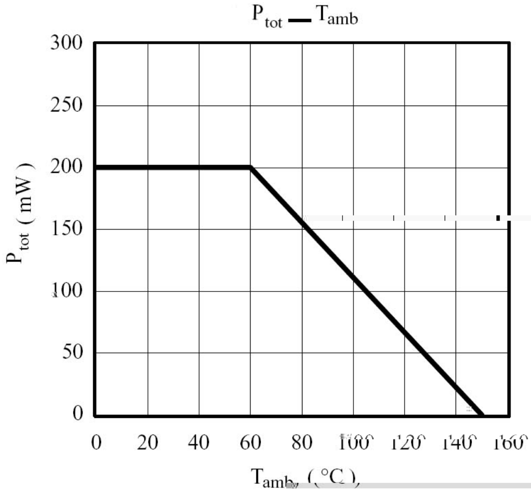
ŧ ห ڶ / Marking

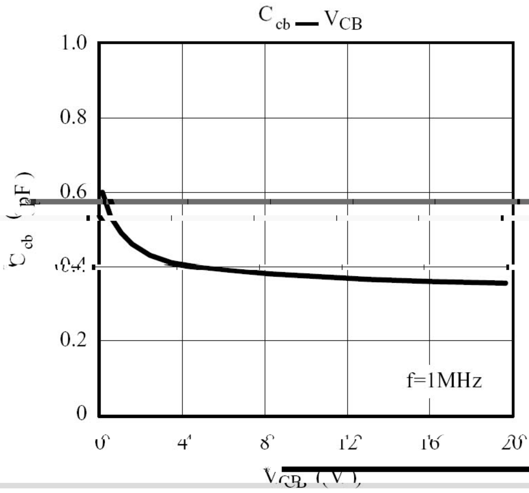
h_{FE} Range	65~150
Marking	HWV2

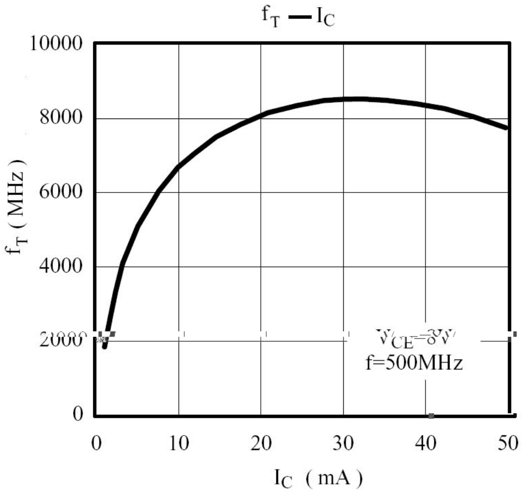
Parameter	Symbol	Rating	Unit
Collector to Base Voltage	V_{CBO}	20	V
Collector to Emitter Voltage	V_{CEO}	10	V
Emitter to Base Voltage	V_{EBO}	2.5	V
Collector Current - Continuous	I_C	50	mA
Collector Power Dissipation	P_C	200	mW
Junction Temperature	T_j	150	
Storage Temperature Range	T_{stg}	-55 150	

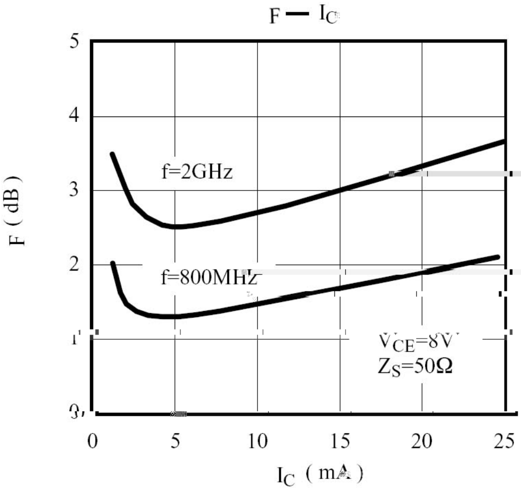
Parameter	Symbol	Test Conditions	Min	Typ	Max	Unit
Collector to Emitter Breakdown						

/ Electrical Characteristic Curve



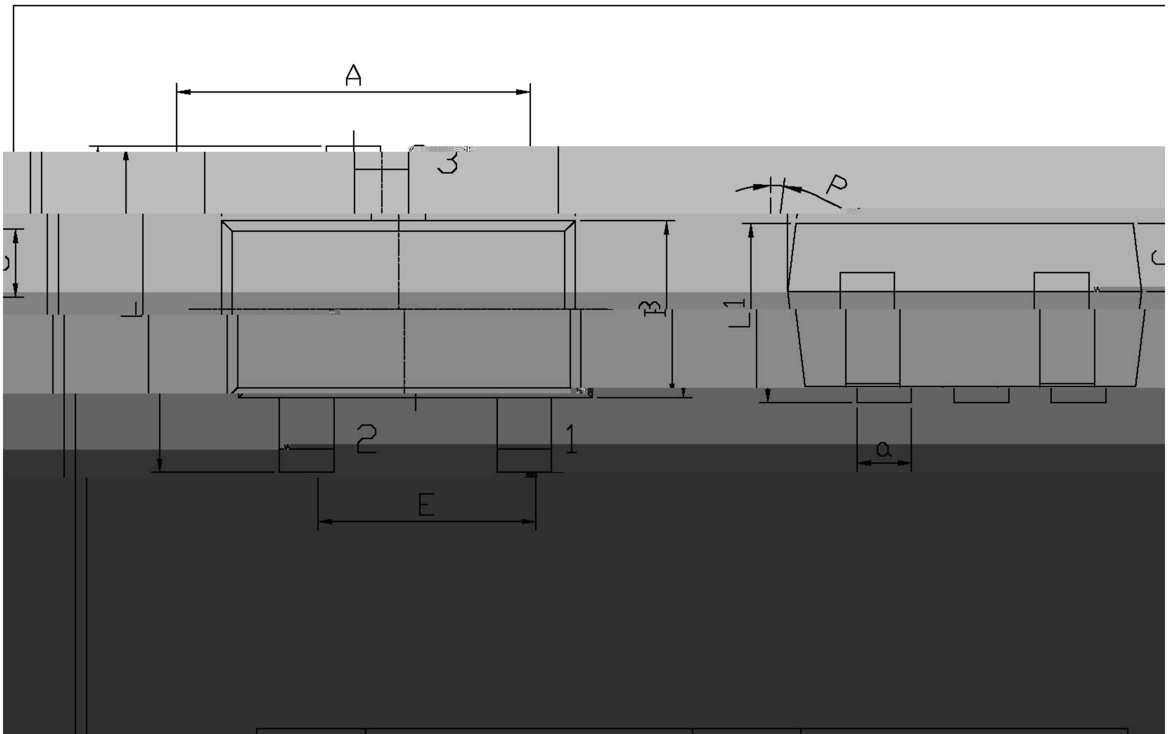






ᵘ ẺÒ Ḽ ʃ / Package Dimensions

SOT-323 单位：mm



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