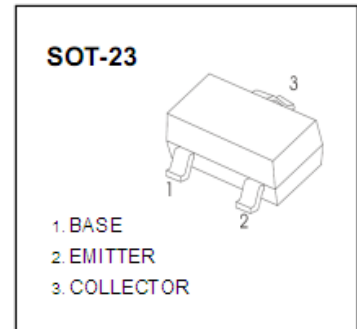


**2SC1623 (NPN)****特点/Features :**

- 1、 h_{FE} 高, $h_{FE}=200$ (TYP) $V_{CE}=6V, I_C=1mA$;
- 2、高电压, $V_{CEO}=50V$;

用途/Applications :

用于一般音频放大, 与 2SA812 互补。

**极限参数/Absolute maximum ratings($T_a=25^{\circ}C$)**

参数/Parameter	符号/ Symbol	数值/Value	单位/Unit
集电极-基极电压/Collector-Base Voltage	V_{CBO}	60	V
集电极-发射极电压/Collector-Emitter Voltage	V_{CEO}	50	V
发射极-基极电压/Emitter-Base Voltage	V_{EBO}	5	V
集电极连续电流/Collector Current Continuous	I_C	0.1	A
集电极耗散功率/Collector Power Dissipation	P_C	0.2	W
结温/Junction Temperature	T_j	150	$^{\circ}C$
储存温度/Storage Temperature	T_{stg}	-55~150	$^{\circ}C$

电性能参数/Electrical characteristics ($T_a=25^{\circ}C$)

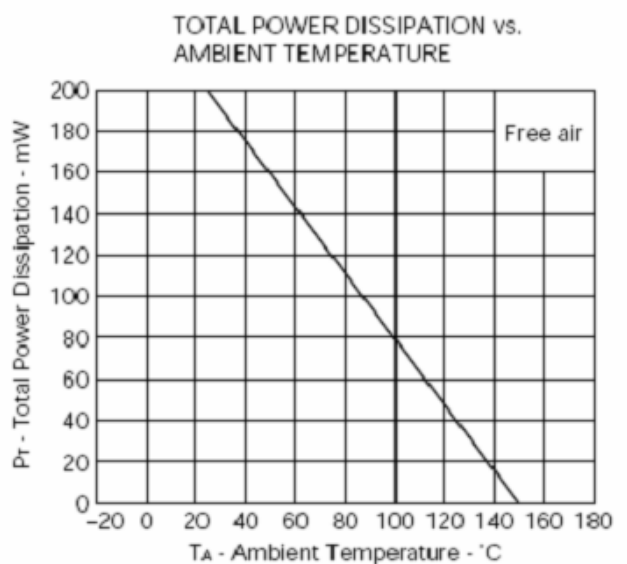
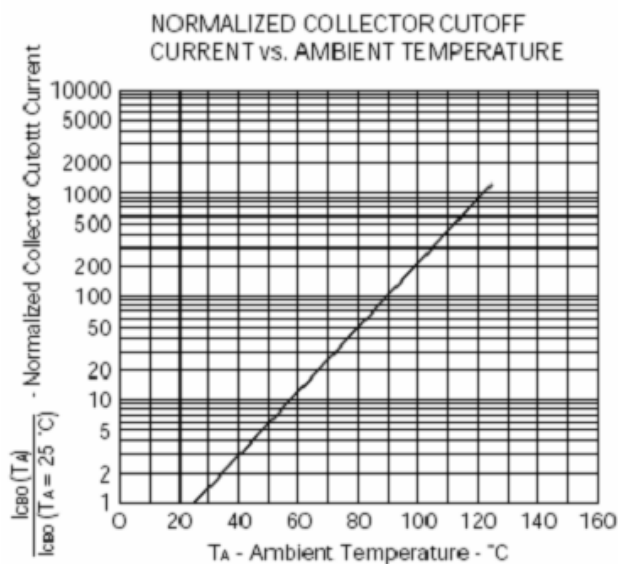
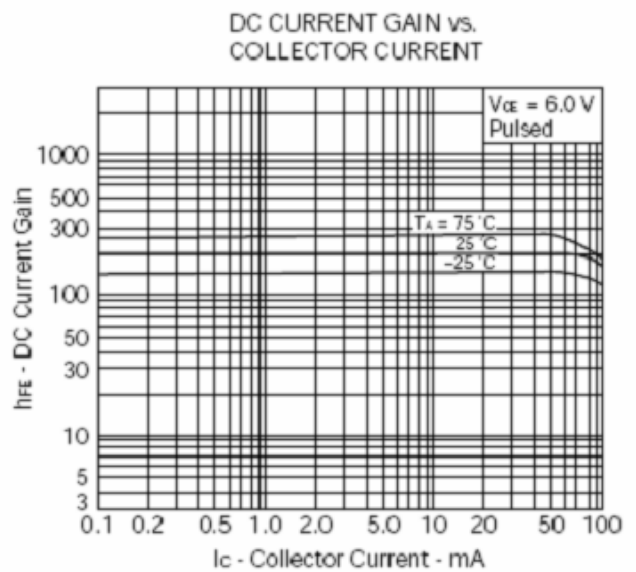
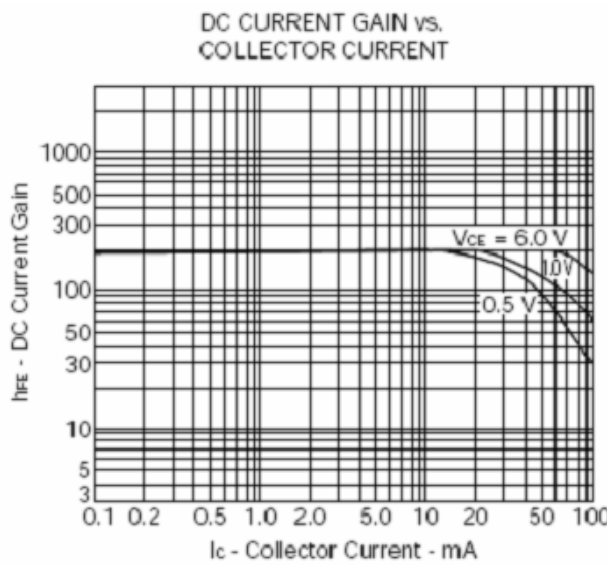
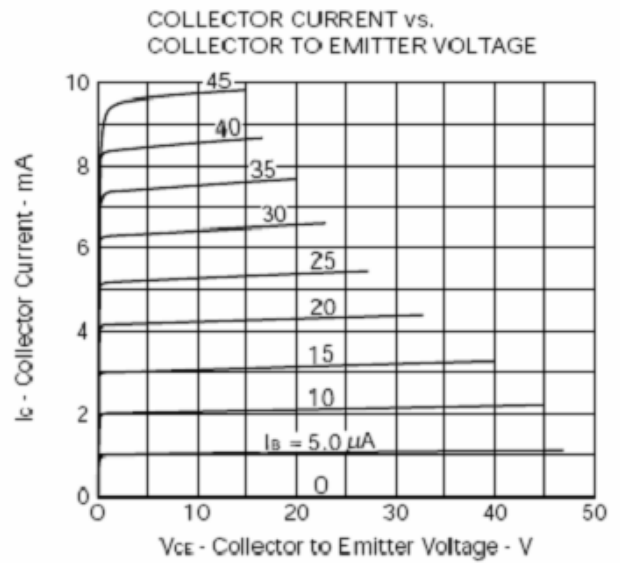
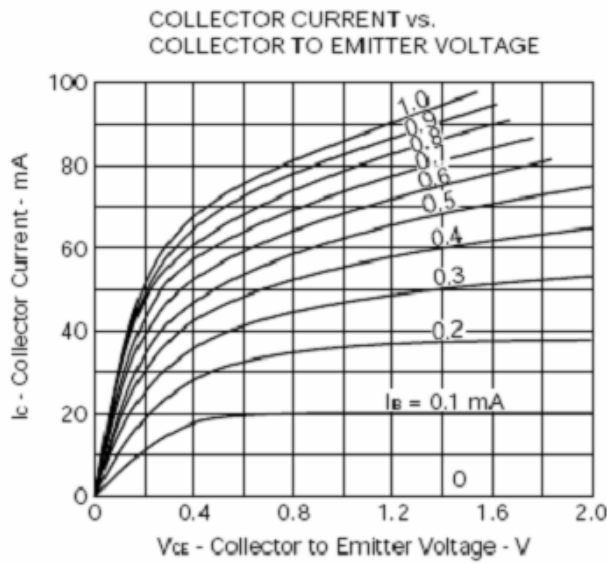
参数	符号	测试条件	最小值	典型值	最大值	单位
集电极-基极击穿电压	$V_{BR(CBO)}$	$I_C=100\mu A, I_E=0$	60			V
集电极-发射极击穿电压	$V_{BR(CEO)}$	$I_C=1mA, I_B=0$	50			V
发射极-基极击穿电压	$V_{BR(EBO)}$	$I_E=100\mu A, I_C=0$	5			V
集电极截止电流	I_{CBO}	$V_{CB}=60V, I_E=0$			0.1	μA
发射极截止电流	I_{EBO}	$V_{EB}=5V, I_C=0$			0.1	μA
直流电流增益	h_{FE}	$V_{CE}=6V, I_C=1mA$	90	200	600	
集电极-发射极饱和压降	$V_{CE(sat)}$	$I_C=100mA, I_B=10mA$			0.3	V
基极-发射极饱和压降	$V_{BE(sat)}$	$I_C=100mA, I_B=5mA$			1	V
特征频率	f_T	$V_{CE}=6V, I_C=10mA$		250		MHz

印章/Marking & h_{FE} 分档/Classification of h_{FE}

范围/Range	90~180	135~270	200~400	300~600
印章/Marking	L4	L5	L6	L7



典型特性曲线图/Typical Characteristics





SOT-23 封装半导体晶体管/SOT-23 Plastic-Encapsulate Transistors

