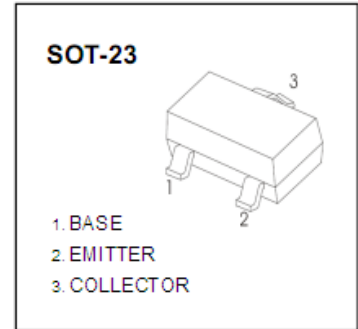


**A733 ( PNP )****印章/Marking : CS****用途/Applications :**

与 C945 互补。

**极限参数/Absolute maximum ratings(Ta=25°C)**

参数/Parameter	符号/ Symbol	数值/Value	单位/Unit
集电极-基极电压/Collector-Base Voltage	$V_{CB0}$	-60	V
集电极-发射极电压/Collector-Emitter Voltage	$V_{CE0}$	-50	V
发射极-基极电压/Emitter-Base Voltage	$V_{EB0}$	-5	V
集电极连续电流/Collector Current Continuous	$I_C$	-0.15	A
集电极耗散功率/Collector Power Dissipation	$P_C$	0.2	W
结温/Junction Temperature	$T_j$	150	°C
储存温度/Storage Temperature	$T_{stg}$	-55~150	°C

**电性能参数/Electrical characteristics (Ta=25°C)**

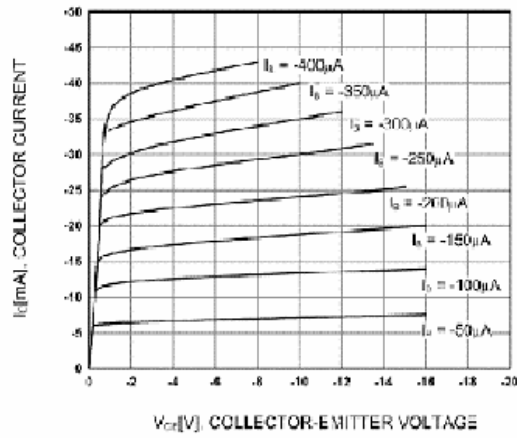
参数	符号	测试条件	最小值	典型值	最大值	单位
集电极-基极击穿电压	$V_{BR(CB0)}$	$I_C = -50 \mu A, I_E = 0$	-60			V
集电极-发射极击穿电压	$V_{BR(CE0)}$	$I_C = -1mA, I_B = 0$	-50			V
发射极-基极击穿电压	$V_{BR(EB0)}$	$I_E = -50 \mu A, I_C = 0$	-5			V
集电极截止电流	$I_{CB0}$	$V_{CB} = -60V, I_E = 0$			-0.1	$\mu A$
发射极截止电流	$I_{EB0}$	$V_{EB} = -5V, I_C = 0$			-0.1	$\mu A$
直流电流增益	$h_{FE}$	$V_{CE} = -6V, I_C = -1mA$	120		475	
集电极-发射极饱和压降	$V_{CE(sat)}$	$I_C = -100mA, I_B = -10mA$		-0.18	-0.3	V
基极-发射极饱和压降	$V_{BE(ON)}$	$V_{CE} = -6V, I_C = -1mA$	-0.58	-0.62	-0.68	V
特征频率	$f_T$	$V_{CE} = -10V, I_C = -10mA$	50			MHz
输出电容	$C_{OB}$	$V_{CB} = -10V, I_E = 0, f = 1MHz$		4.5	7	pF
噪声系数	NF	$V_{CE} = -6V, I_C = -0.3mA$ $R_g = 10k \Omega, f = 100Hz$		6	20	dB

 **$h_{FE}$  分档/Classification of  $h_{FE}$** 

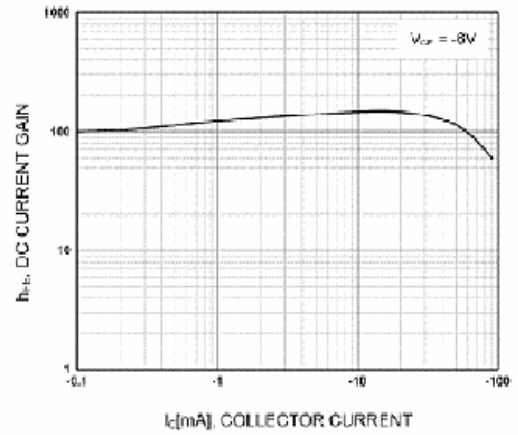
档位/Rank	L	H
范围/Range	120~220	220~475



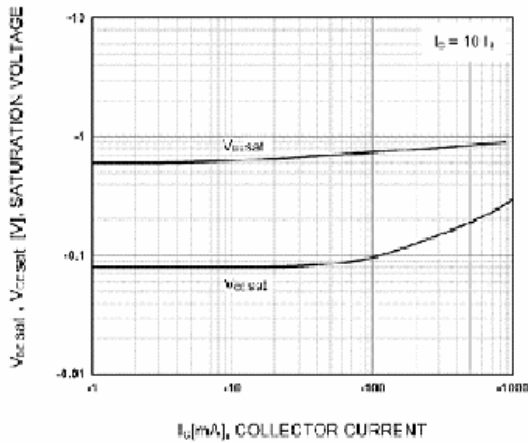
### 典型特性曲线图/Typical Characteristics



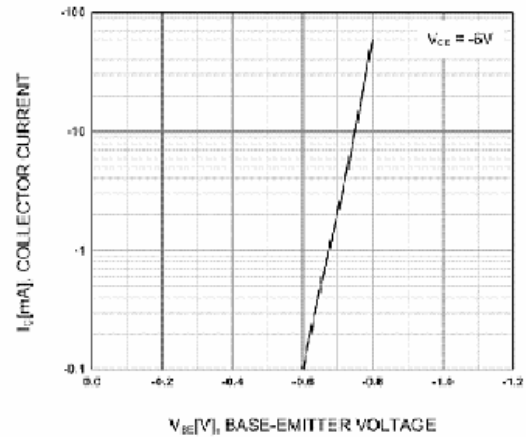
Static Characteristic



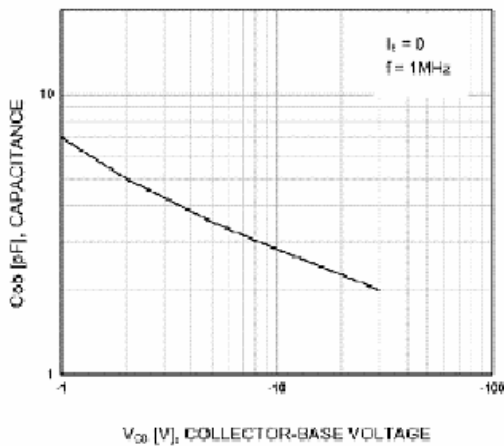
DC current Gain



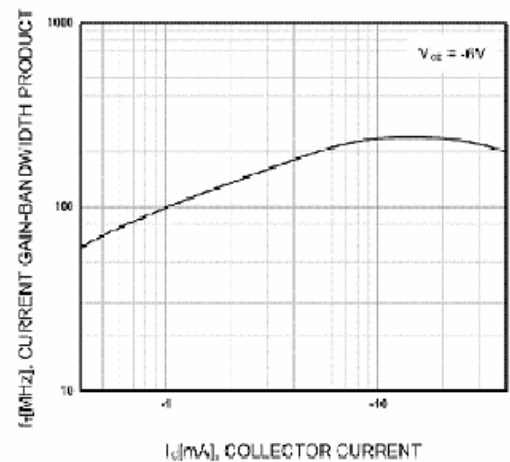
Base-Emitter Saturation Voltage  
Collector-Emitter Saturation Voltage



Base-Emitter On Voltage



Collector Output Capacitance



Current Gain Bandwidth Product