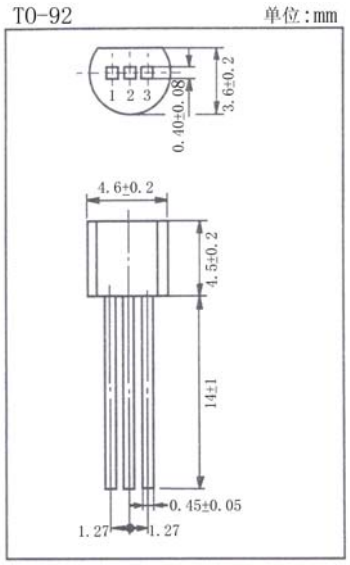
用途：用于高频放大。/Purpose: High frequency amplifier.

限参数/Absolute maximum ratings(Ta=25℃)

参数符号 Symbol	数值 Rating	单位 Unit
V_{CBO}	20	V
V_{CEO}	15	V
V_{EBO}	3.0	V
I_C	30	mA
P_C	100	mW
T_j	150	℃
T_{stg}	-55～150	℃

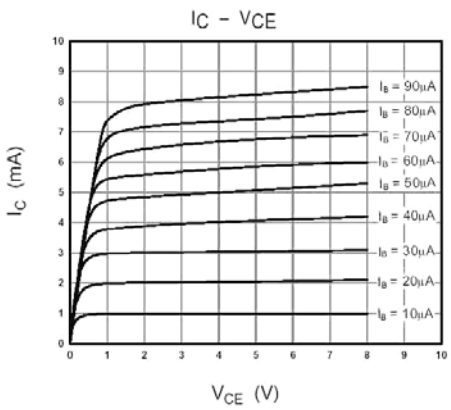


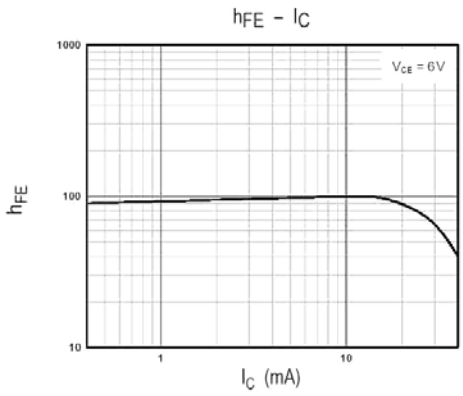
引脚:1.E　2.C　3.B

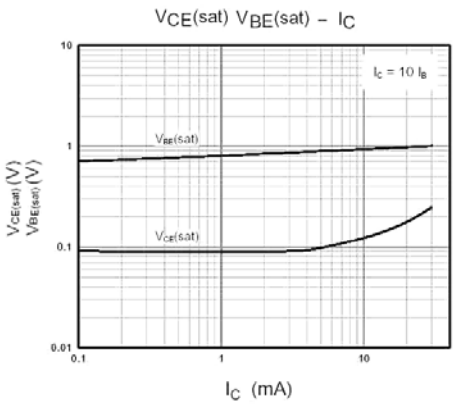
电性能参数/Electrical characteristics(Ta=25℃)

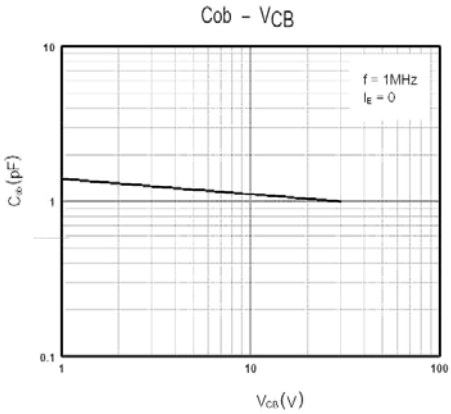
参数符号 Symbol	测试条件 Test condition	数值 Rating 最小值 Min	典型值 Typ	最大值 Max	单位 Unit
V_{CBO}	I_C=10μA　I_E=0	20			V
V_{CEO}	I_C=1.0mA　I_B=0	15			V
V_{EBO}	I_E=10μA　I_C=0	3.0			V
I_{CBO}	V_{CB}=10V　I_E=0			1.0	μA
h_{FE}	V_{CE}=6.0V　I_C=1.0mA	40		200	
$V_{CE(sat)}$	I_C=10mA　I_B=1.0mA		0.6	0.7	V
V_{BE}	V_{CE}=6.0V　I_C=1.0mA		0.7	0.85	V
f_T	V_{CE}=6.0V　I_C=1.0mA		300		MHz
C_{ob}	V_{CB}=10V　I_E=0　f=1.0MHz		1.4		pF
G_{pe}	V_{CE}=6.0V　I_C=1.0mA R_L=55　R_G=100　f=100MHz		7.0		dB

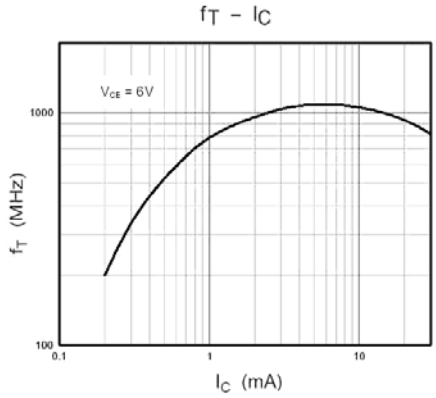
h_{FE}分档/h_{FE} classifications:　E:40～59　F:54～80　G:72～108
H:97～146　I:132～200


IC - VCE
IB = 90μA
IB = 80μA
IB = 70μA
IB = 60μA
IB = 50μA
IB = 40μA
IB = 30μA
IB = 20μA
IB = 10μA
IC (mA)
VCE (V)


hFE - IC
VCE = 6V
hFE
IC (mA)


VCE(sat) VBE(sat) - IC
IC = 10 IB
VBE(sat)
VCE(sat)
VCE(sat) (V)
VBE(sat) (V)
IC (mA)


Cob - VCB
f = 1MHz
IE = 0
Cob (pF)
VCB (V)


fT - IC
VCE = 6V
fT (MHz)
IC (mA)