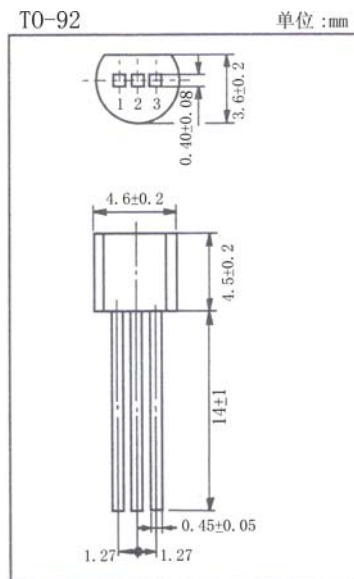


用途:用于集电极电流在 1.0mA~30mA 之间的射频放大, 振荡和倍频电路。

Purpose: Use as RF amplifiers, oscillators and multipliers with collector currents in the 1.0mA~30mA range.

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

参数符号 Symbol	数值 Rating	单位 Unit
V _{CBO}	30	V
V _{CEO}	15	V
V _{EBO}	4.5	V
I _C	50	mA
P _C	350	mW
T _j	150	°C
T _{stg}	-55~150	°C



引脚: 1. E 2. B 3. C

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

参数符号 Symbol	测试条件 Test condition	数值 Rating			单位 Unit
		最小值 Min	典型值 Typ	最大值 Max	
V _{CBO}	I _C =1.0 μA I _E =0	30			V
V _{CEO}	I _C =3.0mA I _B =0	15			V
V _{EBO}	I _E =10 μA I _C =0	4.5			V
I _{CBO}	V _{CB} =15V I _E =0			0.01	μA
I _{EBO}	V _{EB} =2.0V I _C =0			1.0	μA
h _{FE(1)}	V _{CE} =10V I _C =8.0mA	50		200	
h _{FE(2)}	V _{CE} =1.0V I _C =3.0mA	20			
V _{CE(sat)}	I _C =10mA I _B =1.0mA			0.4	V
V _{BE(sat)}	I _C =10mA I _B =1.0mA			1.0	V
C _{ob}	V _{CB} =10V f=1.0MHz I _E =0	0.7	1.1		pF
C _{c, rbb,}	I _E =8.0mA V _{CB} =10V f=79.8MHz	3.0	20		pS
G _{pe}	I _C =6.0mA V _{CB} =12V f=200MHz	15			dB
f _T	I _C =4.0mA V _{CE} =10V f=100MHz	600			MHz

