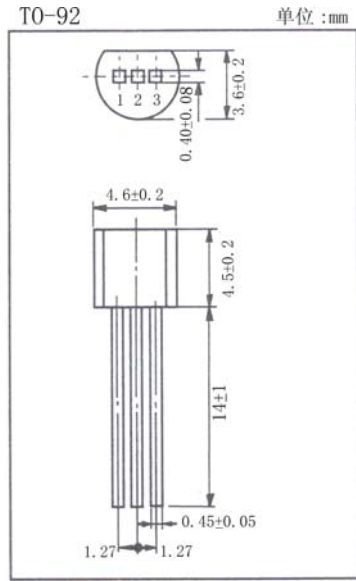


用途:用于一般放大。

Purpose: General amplifier.

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

参数符号 Symbol	数值 Rating	单位 Unit
V _{CBO}	-60	V
V _{CEO}	-40	V
V _{EBO}	-5.0	V
I _C	-600	mA
P _C	625	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 =-10 μ A	I _E =0	-60			V
V _{CEO}	I _C =-10mA	I _B =0	-40			V
V _{EBO}	I _E =-10 μ A	I _C =0	-5.0			V
I _{CBO}	V _{CB} =-50V	I _E =0			-0.02	μ A
h _{FE(1)}	V _{CE} =-10V	I _C =-150mA	100		300	
h _{FE(2)}	V _{CE} =-10V	I _C =-500mA	30			
h _{FE(3)}	V _{CE} =-10V	I _C =-10mA	75			
h _{FE(4)}	V _{CE} =-10V	I _C =-1.0mA	50			
h _{FE(5)}	V _{CE} =-10V	I _C =-0.1mA	35			
V _{CE(sat)(1)}	I _C =-150mA	I _B =-15mA			-0.4	V
V _{CE(sat)(2)}	I _C =-500mA	I _B =-50mA			-1.6	V
V _{BE(sat)(1)}	I _C =-150mA	I _B =-15mA			-1.3	V
V _{BE(sat)(2)}	I _C =-500mA	I _B =-50mA			-2.6	V
f _T	V _{CE} =-20V I _C =-50mA	f=100MHz	200			MHz
C _{ob}	V _{CB} =-10V I _E =0	f=1.0MHz			8.0	pF
T _{on}	V _{CC} =-30V I _C =-150mA	I _{B1} =-15mA			0.045	μ s
T _{off}	V _{CC} =-6.0V I _C =-150mA	I _{B1} =I _{B2} =-15mA			0.1	μ s



2N2907 (3CG2907)

