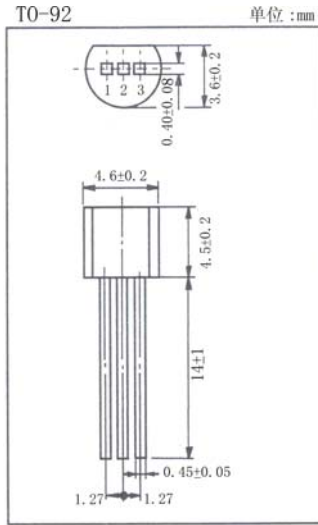


用途:用于一般放大。

Purpose: General purpose amplifier.

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

参数符号 Symbol	数值 Rating	单位 Unit
V <sub>CBO</sub>	75	V
V <sub>CEO</sub>	40	V
V <sub>EBO</sub>	6.0	V
I <sub>C</sub>	600	mA
P <sub>C</sub>	625	mW
T <sub>j</sub>	150	°C
T <sub>stg</sub>	-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 <sub>CBO</sub>	I <sub>C</sub> =10 μ A	I <sub>E</sub> =0	75			V
V <sub>CEO</sub>	I <sub>C</sub> =10mA	I <sub>B</sub> =0	40			V
V <sub>EBO</sub>	I <sub>E</sub> =10 μ A	I <sub>C</sub> =0	6.0			V
I <sub>CBO</sub>	V <sub>CB</sub> =60V	I <sub>E</sub> =0			0.01	μ A
I <sub>EBO</sub>	V <sub>EB</sub> =3.0V	I <sub>C</sub> =0			0.01	μ A
I <sub>EBO</sub>	V <sub>EB</sub> =5.0V	I <sub>C</sub> =0			0.1	μ A
h <sub>FE</sub>	V <sub>CE</sub> =10V	I <sub>C</sub> =150mA	100		300	
V <sub>CE(sat) (1)</sub>	I <sub>C</sub> =150mA	I <sub>B</sub> =15mA			0.3	V
V <sub>CE(sat) (2)</sub>	I <sub>C</sub> =500mA	I <sub>B</sub> =50mA			1.0	V
V <sub>BE(sat) (1)</sub>	I <sub>C</sub> =150mA	I <sub>B</sub> =15mA		0.6	1.2	V
V <sub>BE(sat) (2)</sub>	I <sub>C</sub> =500mA	I <sub>B</sub> =50mA			2.0	V
f <sub>T</sub>	V <sub>CE</sub> =20V I <sub>C</sub> =20mA	f=100MHz	300			MHz
C <sub>ob</sub>	V <sub>CB</sub> =10V I <sub>E</sub> =0	f=1.0MHz			8.0	pF
t <sub>on</sub>	V <sub>CC</sub> =30V I <sub>C</sub> =150mA	V <sub>BE(OFF)</sub> =0.5V I <sub>B1</sub> =15mA			35	ns
t <sub>off</sub>	V <sub>CC</sub> =30V I <sub>C</sub> =150mA	I <sub>B1</sub> =I <sub>B2</sub> =15mA			285	ns
NF	I <sub>C</sub> =100 μ A R <sub>S</sub> =1.0K Ω	V <sub>CE</sub> =10V f=1.0KHz			4.0	dB

2N2222A (3DG2222A)

