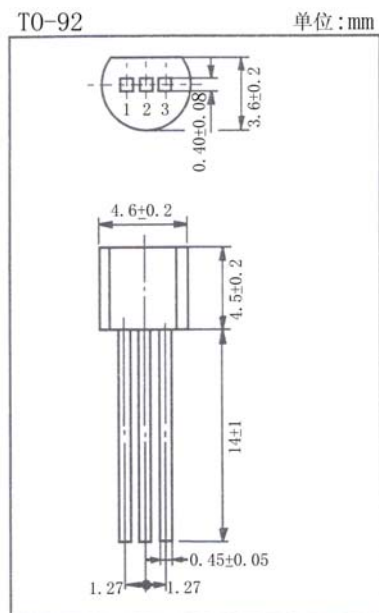


用途:用于高电压控制, 等离子显示, 阴极射线管激励/Purpose: High voltage control, plasma display, nixie tube driver, cathode ray tube brightness control applications.  
 特点:击穿电压高, 饱和压降低, 集电极输出电容小/Features: High voltage, low saturation voltage, small collector output capacitance.

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

参数符号 Symbol	数值 Rating	单位 Unit
$V_{CB0}$	-300	V
$V_{CE0}$	-300	V
$V_{EB0}$	-8.0	V
$I_C$	-100	mA
$I_B$	-20	mA
$P_C$	400	mW
$T_j$	150	°C
$T_{stg}$	-55~150	°C



引脚: 1. E 2. C 3. B

**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	
$V_{CB0}$	$I_C = -0.1\text{mA}$	$I_E = 0$	-300			V
$V_{CE0}$	$I_C = -1.0\text{mA}$	$I_B = 0$	-300			V
$I_{CB0}$	$V_{CB} = -300\text{V}$	$I_E = 0$			-0.1	$\mu\text{A}$
$I_{EB0}$	$V_{EB} = -8.0\text{V}$	$I_C = 0$			-0.1	$\mu\text{A}$
$h_{FE(1)}$	$V_{CE} = -10\text{V}$	$I_C = -20\text{mA}$	30		150	
$h_{FE(2)}$	$V_{CE} = -10\text{V}$	$I_C = -1.0\text{mA}$	20			
$V_{CE(sat)}$	$I_C = -20\text{mA}$	$I_B = -2.0\text{mA}$			-0.5	V
$V_{BE(sat)}$	$I_C = -20\text{mA}$	$I_B = -2.0\text{mA}$			-1.2	V
$f_T$	$V_{CE} = -10\text{V}$	$I_C = -20\text{mA}$	40	60		MHz
$C_{ob}$	$V_{CB} = -20\text{V}$	$I_E = 0$		6.0	8.0	pF

$h_{FE(1)}$  分档/ $h_{FE(1)}$  classifications: R:30~90 0:50~150

