

用途:功率放大, 功率开关及电子自动调速器。

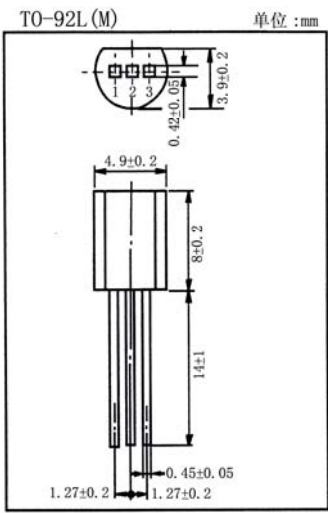
Purpose: Power amplifier and switching application, electronic governor applications.

特点:饱和压降小, 与 HIT5610 (3CG5610) 互补。

Features: Low saturation voltage, complementary pair with HIT5610 (3CG5610).

极限参数/Absolute maximum ratings(Ta=25℃)

参数符号 Symbol	数值 Rating	单位 Unit
V _{CB0}	25	V
V _{CE0}	20	V
V _{EB0}	5.0	V
I _C	1.0	A
P _C	900	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			单位 Unit
		最小值 Min	典型值 Typ	最大值 Max	
V _{CB0}	I _C =10 μ A I _E =0	25			V
V _{CE0}	I _C =1.0mA I _B =0	20			V
V _{EB0}	I _E =10 μ A I _C =0	5.0			V
I _{CB0}	V _{CB} =25V I _E =0			1.0	μ A
I _{EB0}	V _{EB} =5.0V I _C =0			1.0	μ A
h _{FE(1)}	V _{CE} =2.0V I _C =0.5A	60		240	
h _{FE(2)}	V _{CE} =2.0V I _C =1.0A	30			
V _{CE(sat)}	I _C =800mA I _B =80mA			0.5	V
V _{BE(sat)}	I _C =800mA I _B =80mA			1.2	V
f _T	V _{CE} =2.0V I _C =500mA	80			MHz
C _{ob}	V _{CB} =10V I _E =0 f=1.0MHz		15		pF

h_{FE(1)}分档/h_{FE(1)} classifications: B:60~150 C:120~240

