

用途：用于小型马达驱动、继电器及电源驱动。

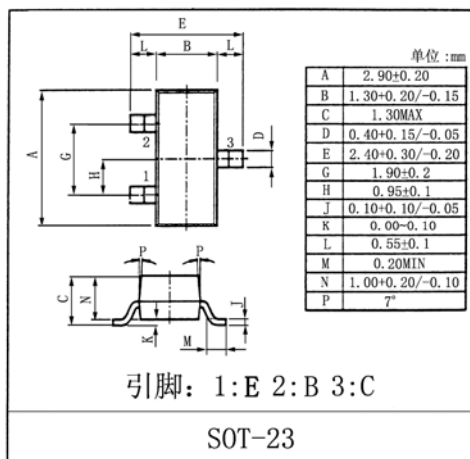
Purpose: Small type motor drive, relay drive, power supply.

特点：饱和压降小，直流电流增益高、线性好，集电极电流大，特征频率高。

Features: Low collector to emitter saturation voltage, excellent linearity of DC forward current Gain, high collector current, high gain band width product.

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

参数符号 Symbol	数值 Rating	单位 Unit
V _{CB0}	-25	V
V _{CE0}	-20	V
V _{EBO}	-4.0	V
I _C	-700	mA
I _{CM}	-1.0	A
P _C	150	mW
T _j	150	°C
T _{stg}	-55~150	°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 _{CB0}	I _C =-10 μA I _E =0	-25			V
V _{CE0}	I _C =-100 μA R _{BE} =∞	-20			V
V _{EBO}	I _E =-10 μA I _C =0	-4.0			V
I _{CB0}	V _{CB} =-25V I _E =0			-1.0	μA
I _{EBO}	V _{EB} =-2.0V I _C =0			-1.0	μA
h _{FE}	V _{CE} =-4.0V I _C =-100mA	150		800	
V _{CE(sat)}	I _C =-500mA I _B =-25mA		-0.2	-0.5	V
f _T	V _{CE} =-6.0V I _E =10mA		180		MHz

h_{FE} 分档、印章/h_{FE} Classifications、Marking:

h _{FE} 分档 h _{FE} Classifications	E	F	G
h _{FE} 范围 h _{FE} Range	150~300	250~500	400~800
印章 Marking	HAE	HAF	HAG

