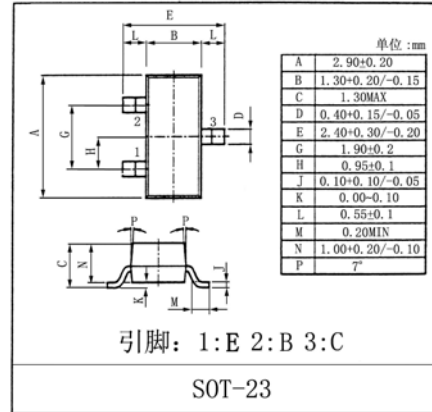




用途:用于高压电路。/Purpose: High voltage application.

极限参数/Absolute maximum ratings(Ta=25℃)

参数符号 Symbol	数值 Rating	单位 Unit
V _{CB0}	350	V
V _{CE0}	350	V
V _{EB0}	6.0	V
I _C	500	mA
P _C	300	mW
T _j	150	℃
T _{stg}	-55~150	℃



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 =100 μ A	I _E =0	350			V
*V _{CE0}	I _C =1.0mA	I _B =0	350			V
V _{EB0}	I _E =10 μ A	I _C =0	6.0			V
I _{CB0}	V _{CB} =250V	I _E =0			0.05	μ A
I _{EB0}	V _{EB} =4.0V	I _C =0			0.05	μ A
h _{FE(1)}	V _{CE} =10V	I _C =30mA	30		200	
*h _{FE(2)}	V _{CE} =10V	I _C =100mA	15			
h _{FE(3)}	V _{CE} =10V	I _C =1.0mA	20			
V _{CE(sat)1}	I _C =10mA	I _B =1.0mA			0.3	V
V _{CE(sat)2}	I _C =50mA	I _B =5.0mA			1.0	V
V _{BE(sat)1}	I _C =10mA	I _B =1.0mA			0.75	V
V _{BE(sat)2}	I _C =30mA	I _B =3.0mA			0.9	V
*V _{BE(on)}	V _{CE} =10V	I _C =100mA			2.0	V
f _T	V _{CE} =20V I _C =10mA	f=20MHz	40		200	MHz
C _{ob}	V _{CB} =20V I _E =0	f=1MHz			6.0	pF

*脉冲测试: 脉宽≤300 μ S, 占空比≤2.0%。

*pulse test: pulse width≤300 μ S, duty cycle≤2.0%.

印章/Marking: H3D

