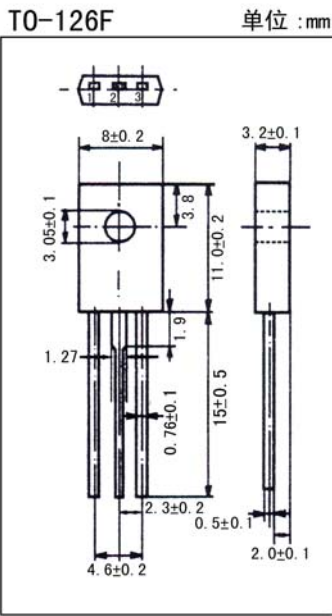


用途: 高清晰度显像管视频输出, 彩电色度输出和高击穿电压驱动。/Purpose: High-definition CRT display, color TV chroma output and high breakdown voltage driver.

特点: 耐压高, 高频特性好。/Features: High breakdown voltage, excellent high frequency Characteristic.

极限参数/Absolute maximum ratings(Ta=25℃)

参数符号 Symbol	数值 Rating	单位 Unit
V _{CB0}	300	V
V _{CE0}	300	V
V _{EB0}	5.0	V
I _C	100	mA
I _{cp}	200	mA
P _C (Ta=25℃)	1.2	W
P _C (Tc=25℃)	7.0	W
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	300			V
V _{CE0}	I _C =1.0mA	I _B =0	300			V
V _{EB0}	I _E =10 μ A	I _C =0	5.0			V
I _{CB0}	V _{CB} =200V	I _E =0			0.1	μ A
I _{EB0}	V _{EB} =4.0V	I _C =0			0.1	μ A
h _{FE}	V _{CE} =10V	I _C =10mA	40		320	
V _{CE(sat)}	I _C =20mA	I _B =2.0mA			0.6	V
V _{BE(sat)}	I _C =20mA	I _B =2.0mA			1.0	V
f _T	V _{CE} =30V	I _C =10mA		70		MHz
C _{ob}	V _{CB} =30V I _E =0	f=1.0MHz		2.6		pF
C _{re}	V _{CB} =30V	f=1.0MHz		1.8		pF

h_{FE} 分档/h_{FE} classifications: C:40~80 0:60~120 E:100~200 F:160~320

2SC3417 (3DA3417)

