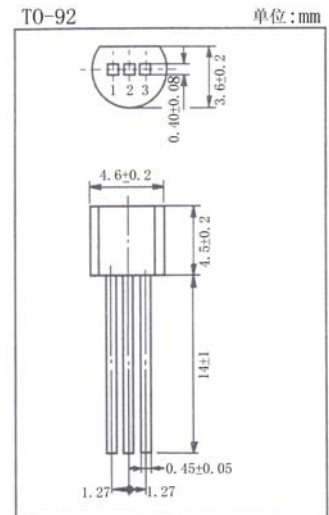
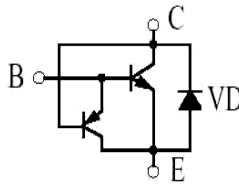


用途：主要用于节能灯、日光灯电子镇流器及其它开关、振荡电路。

Purpose: High frequency electronic lighting ballast applications, converters, inverters, switching regulators, etc.

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

参数符号 Symbol	数值 Rating	单位 Unit
V _{CB0}	600	V
V _{CE0}	400	V
V _{EBO}	9.0	V
I _C	1.75	A
P _C (Ta=25°C)	1.0	W
T _j	150	°C
T _{sag}	-55~150	°C

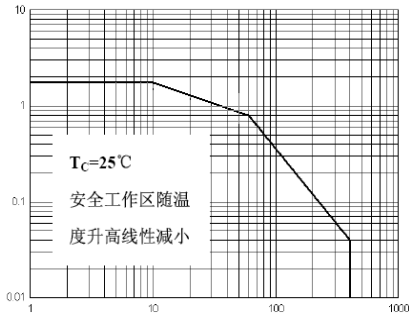


引脚：1. E 2. C 3. B

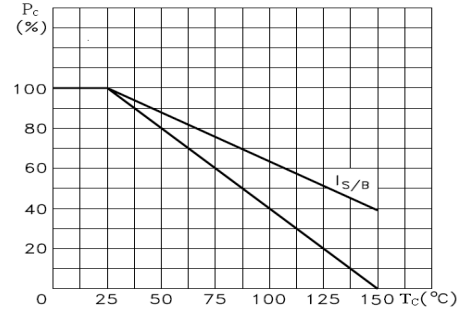
电性能参数/Electrical characteristics(Ta=25°C)

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 =1mA	I _E =0	600			V
V _{CE0}	I _C =10mA	I _B =0	400			V
V _{EBO}	I _E =1mA	I _C =0	9.0			V
I _{CB0}	V _{CB} =600V	I _E =0			0.1	mA
I _{CE0}	V _{CE} =400V	I _B =0			0.1	mA
I _{EBO}	V _{EB} =9.0V	I _C =0			0.1	mA
h _{FE(1)}	V _{CE} =5V	I _C =200mA	10		40	
h _{FE(2)}	V _{CE} =5V	I _C =1mA	7			
h _{FE(3)}	V _{CE} =5V	I _C =1.5A	5			
V _{CE(sat)(1)}	I _C =500mA	I _B =100mA			0.4	V
V _{CE(sat)(2)}	I _C =200mA	I _B =20mA			0.3	V
V _{CE(sat)(3)}	I _C =1.5A	I _B =500mA			0.9	V
V _{BE(sat)}	I _C =500mA	I _B =100mA			1.2	V
t _f	V _{CE} =5V	I _C =0.25A			0.8	μS
t _s	(UI9600)				4.0	μS
f _T	V _{CE} =10V	I _C =0.1A	f=1MHz	5		MHz

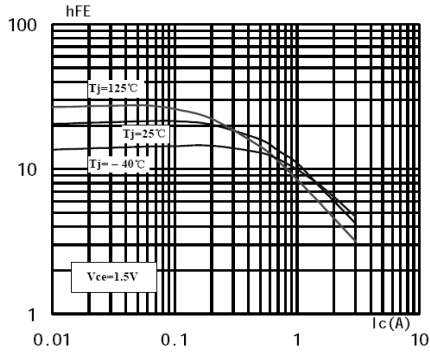
SOA (DC)



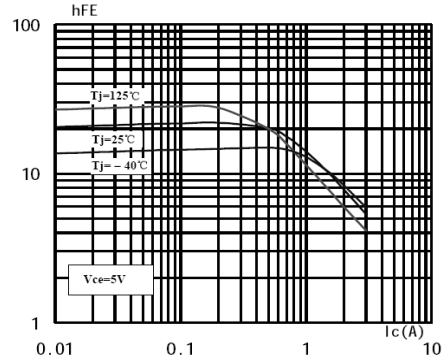
$P_c - T_c$



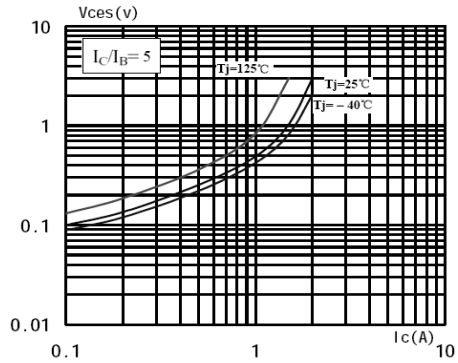
$h_{FE} - I_c$



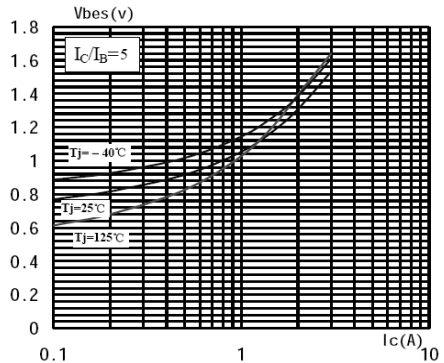
$h_{FE} - I_c$



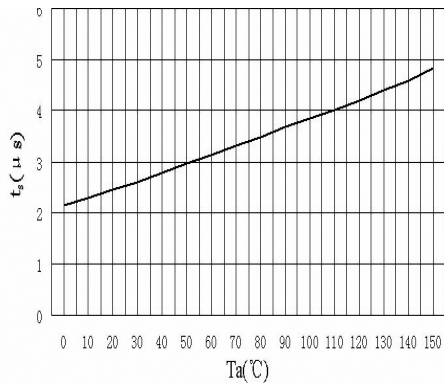
$V_{ces} - I_c$



$V_{bes} - I_c$



$t_s - T_a$



$h_{FE} - T_a$

