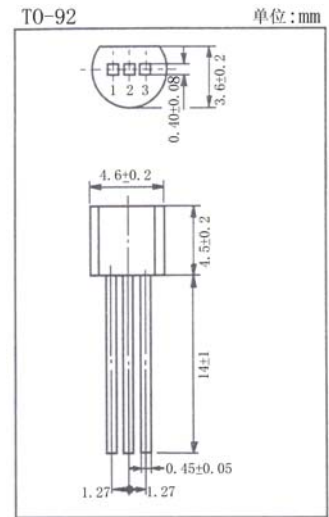
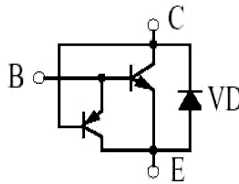


用途：主要用于节能灯、日光灯电子镇流器及其它开关、振荡电路。

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

极限参数/Absolute maximum ratings(Ta=25℃)

参数符号 Symbol	数值 Rating	单位 Unit
V_{CB0}	600	V
V_{CE0}	400	V
V_{EB0}	9.0	V
I_C	1.75	A
$P_C(Ta=25℃)$	1.0	W
T_j	150	℃
T_{sag}	-55~150	℃

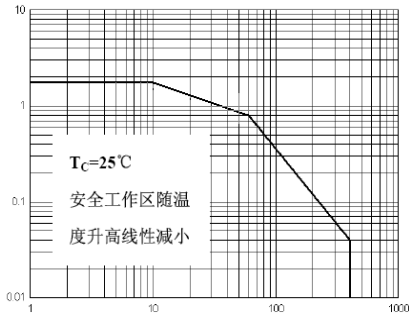


引脚：1. E 2. C 3. B

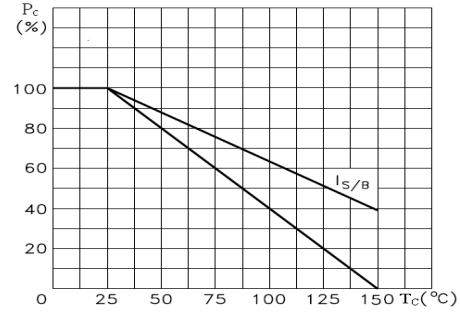
电性能参数/Electrical characteristics(Ta=25℃)

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}	$I_C=1mA$	$I_E=0$	600			V
V_{CE0}	$I_C=10mA$	$I_B=0$	400			V
V_{EB0}	$I_E=1mA$	$I_C=0$	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_{EB0}	$V_{EB}=9.0V$	$I_C=0$			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

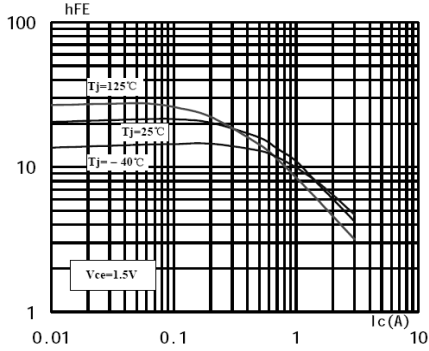
SOA (DC)



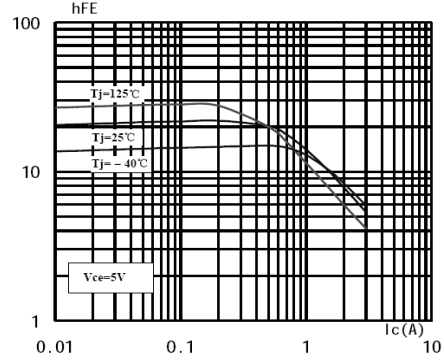
$P_c - T_c$



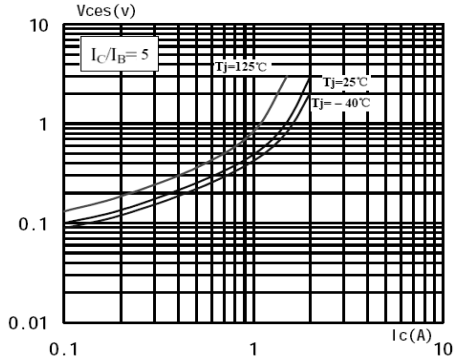
$h_{FE} - I_c$



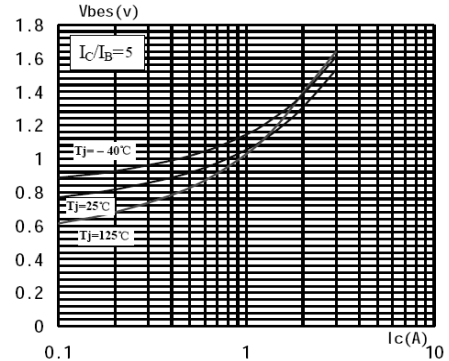
$h_{FE} - I_c$



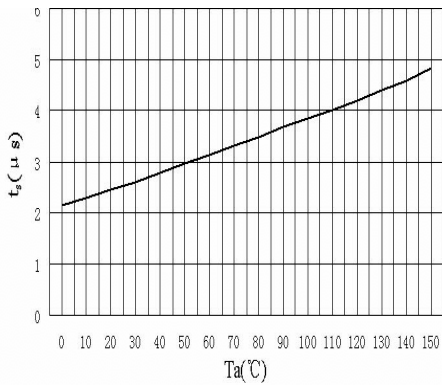
$V_{ces} - I_c$



$V_{bes} - I_c$



$t_s - T_a$



$h_{FE} - T_a$

