



●特点：■击穿电压稳定■开关速度快■安全工作区宽■符合ROHS规范

●FEATURES: ■HIGH VOLTAGE CAPABILITY ■HIGH SPEED SWITCHING ■WIDE SOA ■ROHS COMPLIANT

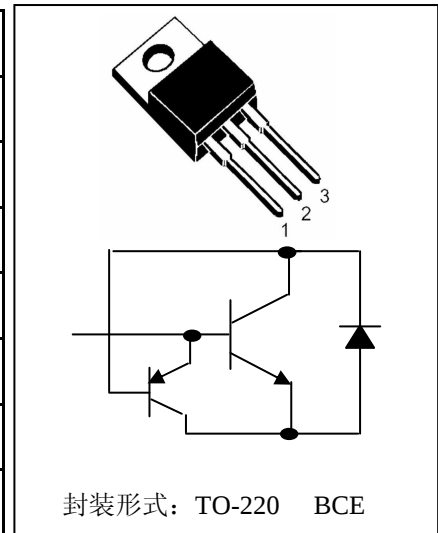
●应用■节能灯■电子镇流器■电子变压器等开关电路

●APPLICATION: ■FLUORESCENT LAMP ■ELECTRONIC BALLAST ■ELECTRONIC TRANSFORMER ECT.

●最大额定值 (TC=25℃)

●Absolute Maximum Ratings (Tc=25℃)

参数名称 PARAMETER	符号 SYMBOL	额定值 VALUE	单位 UNIT
集电极-基极电压 Collector-Base Voltage	VCBO	700	V
集电极-发射极电压 Collector-Emitter Voltage	VCEO	400	V
发射极-基极 Emitter-Base Voltage	VEBO	9	V
集电极电流 Collector Current	Ic	3	A
集电极耗散功率 Total Power Dissipation	PC	45	W
最高工作温度 Junction Temperature	Tj	150	℃
贮存温度 Storage Temperature	TsTg	-55-150	℃



电特性 (TC=25℃)

Electrical Characteristics (Tc=25℃)

参数名称 CHARACTERISTICS	符号 SYMBOL	测试条件 TEST CONDITION	最小值 MIN	最大值 MAX	单位 UNIT
集电极-基极截止电流 Collector-Base Cutoff Current	ICBO	VCB=700V		5	uA
集电极-发射极截止电流 Collector-Emitter Cutoff Current	ICEO	VCE=400V, IB=0		10	uA
集电极-发射极电压 Collector-Emitter Voltage	VCEO	IC=10mA, IB=0	410		V
发射极-基极电压 Collector-Base Voltage	VEBO	IE=1mA, IC=0	9		V
集电极-发射极饱和压降 Collector-Emitter Saturation Voltage	Vcesat	IC=1.0A, IB=0.20A		0.35	V
		IC=3.0A, IB=1.0A		0.75	V
发射极-基极饱和压降 Base-Emitter Saturation Voltage	Vbesat	IC=2.0A, IB=0.5A		1.2	V
电流放大倍数 DC Current Gain	Hfe	VCE=5V, IC=1mA	8		
		VCE=5V, IC=500mA	15	30	
		VCE=5V, IC=3A	6		
贮存时间 Storage Time	ts	VCC=5V IC=0.5A (UI9600)	1.5	3.0	us
下降时间 falling time	tf			0.8	

注意事项: 1、使用时不要外接续流保护二极管

2、基极驱动电流应较强, 确保不出现基极驱动不足, 但也不能太强, 超过PNP管的控制范围。

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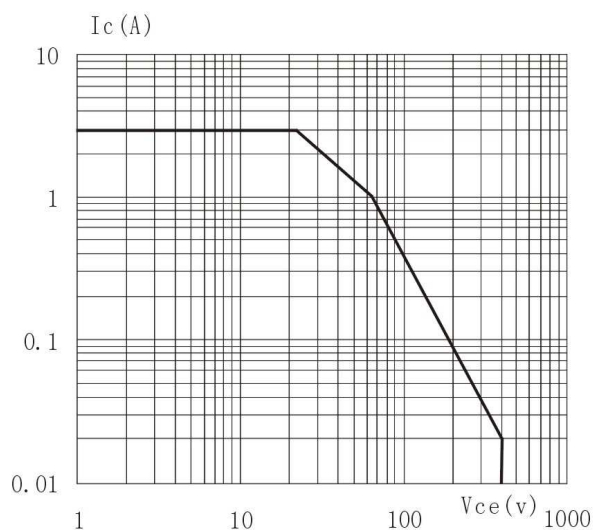
Fax: 0755-81457901

<http://www.szlimai.net>

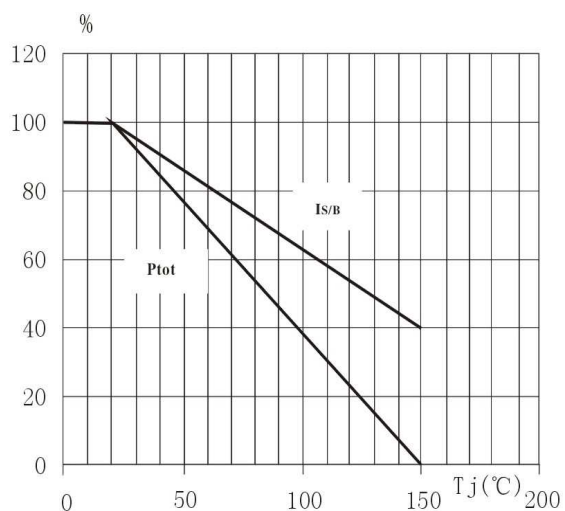
Add: 深圳宝安区福永镇凤凰兴围第三工业区12栋



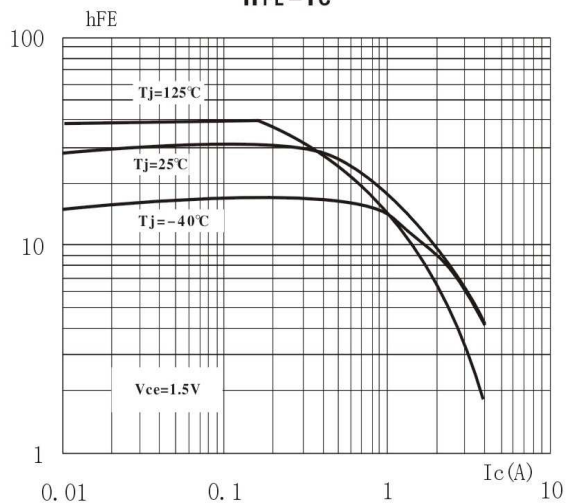
SOA(DC)



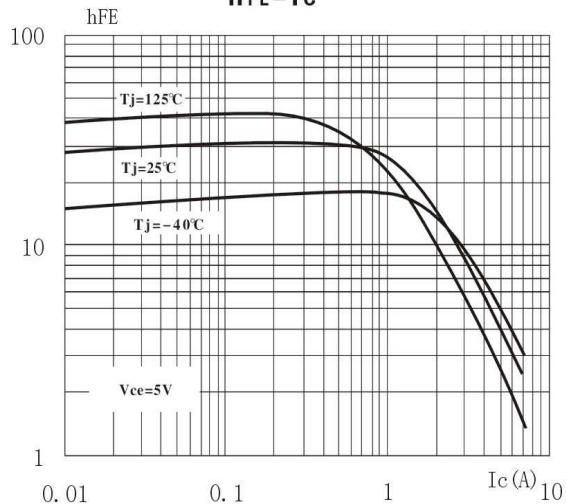
$P_c \propto T_j$



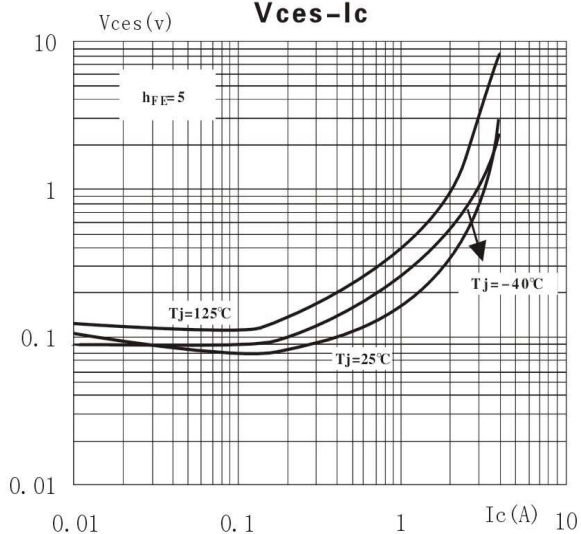
$h_{FE}-I_c$



$h_{FE}-I_c$



$V_{ces}-I_c$



$V_{bes}-I_c$

