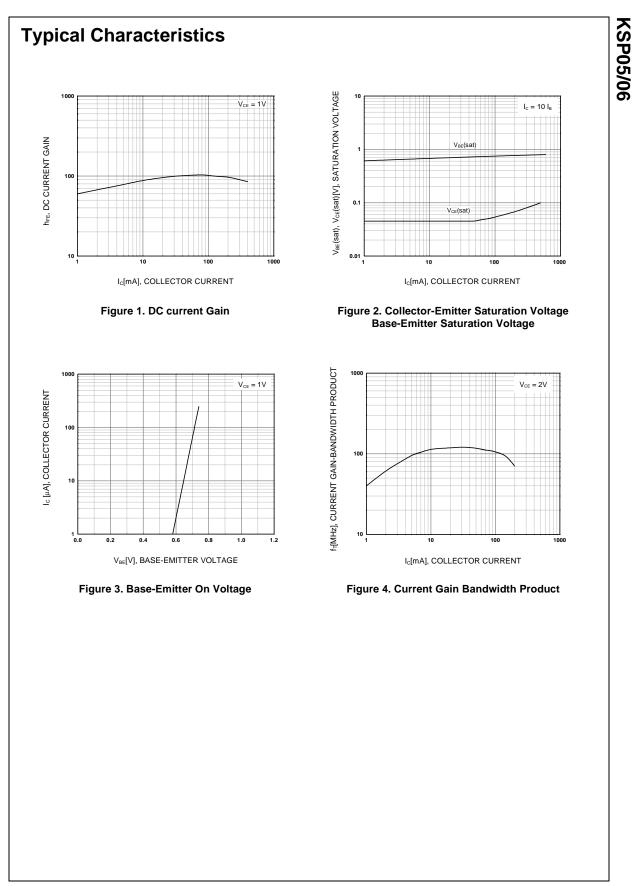


V _{CBO}	Collector Base Voltage		
	: KSP05	60	V
	: KSP06	80	V
V _{CEO}	Collector-Emitter Voltage		
	: KSP05	60	V
	: KSP06	80	V
/ _{EBO}	Emitter-Base Voltage	4	V
С	Collector Current	500	mA
°c	Collector Power Dissipation	625	mW
Г _Ј	Junction Temperature	150	°C
T _{STG}	Storage Temperature	-55~150	°C

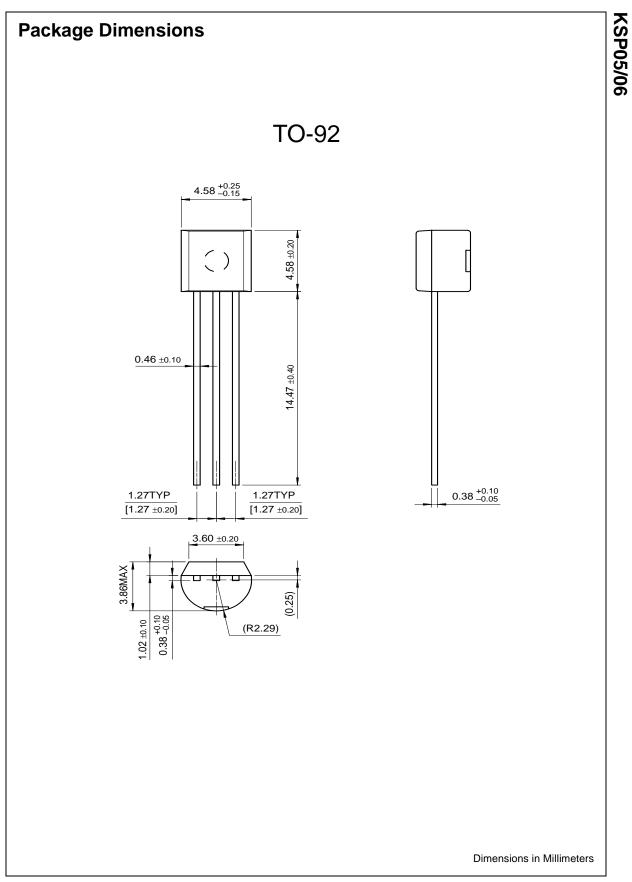
Electrical Characteristics $T_a=25^{\circ}C$ unless otherwise noted

Symbol	Parameter	Test Condition	Min.	Max.	Units
BV _{CEO}	Collector-Emitter Breakdown Voltage	I _C =1mA, I _B =0			
	: KSP05	-	60		V
	: KSP06		80		V
BV _{EBO}	Emitter-Base Breakdown Voltage	I _E =100μA, I _C =0	4		V
I _{CBO}	Collector Cut-off Current				
	: KSP05	V _{CB} =60V, I _E =0		0.1	μΑ
	: KSP06	V _{CB} =80V, I _E =0		0.1	μA
I _{CEO}	Collector Cut-off Current	V _{CE} =60V, I _B =0		0.1	μΑ
h _{FE}	DC Current Gain	V _{CF} =1V, I _C =10mA	50		
		V _{CE} =1V, I _C =100mA	50		
V _{CE} (sat)	Collector-Emitter Saturation Voltage	I _C =100mA, I _B =10mA		0.25	V
V _{BE} (on)	Base-Emitter On Voltage	V _{CE} =1V, I _C =100mA		1.2	V
f _T	Current Gain Bandwidth Product	V _{CE} =2V, I _C =10mA f=100MHz	100		MHz

* Pulse Test: PW≤300µs, Duty Cycle≤2%



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