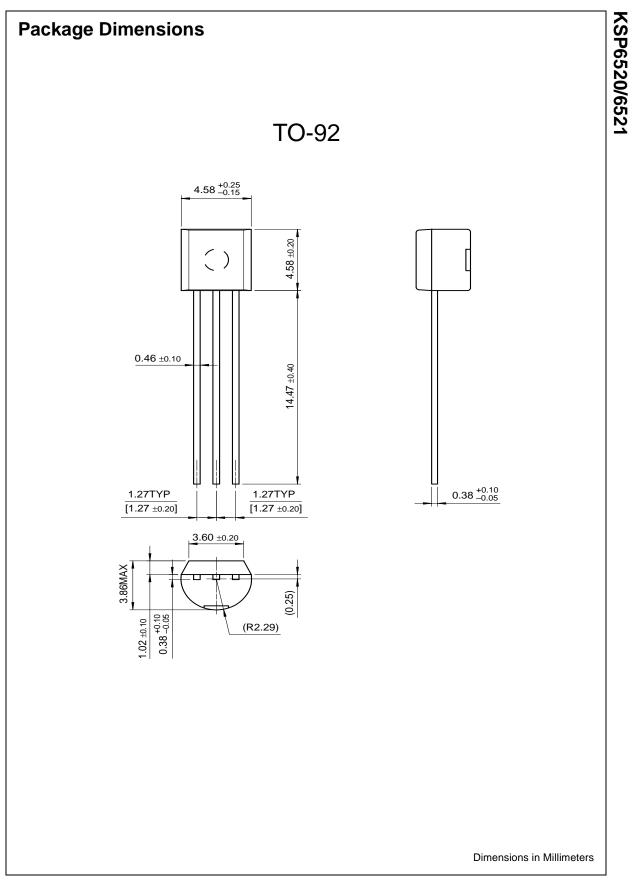


• EBO		7	v
I _C	Collector Current	100	mA
P _C	Collector Power Dissipation	625	mW
TJ	Junction Temperature	150	°C
T _{STG}	Storage Temperature	-55 ~ 150	°C

Electrical Characteristics Ta=25°C unless otherwise noted

Symbol	Parameter	Test Condition	Min.	Typl	Max.	Units
BV _{CEO}	Collector-Emitter Breakdown Voltage	I _C =0.5mA, I _B =0	25			V
BV _{EBO}	Emitter Base Breakdown Voltage	I _C =10, I _C =0	4			V
I _{CBO}	Collector Cut-off Current	V _{CB} =30V, I _E =0 V _{CE} =20V, I _E =0			50 50	nA nA
h _{FE}	DC Current Gain : KSP6520 : KSP6521 : KSP6520 : KSP6521	I _C =100μΑ, V _{CE} =10V I _C =2mA, V _{CE} =10V	100 150 200 300		400 600	
V _{CE} (sat)	Collector-Emitter Saturation Voltage	I _C =50mA, I _B =5mA			0.5	V
C _{ob}	Output Capacitance	V _{CB} =10V, I _E =0 f=100KHz			3.5	pF
NF Noise Figure		I _C =10μA, V _{CE} =5V R _S =10KΩ f=10Hz to 10KHz			3	dB



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