



PNP Silicon Transistor

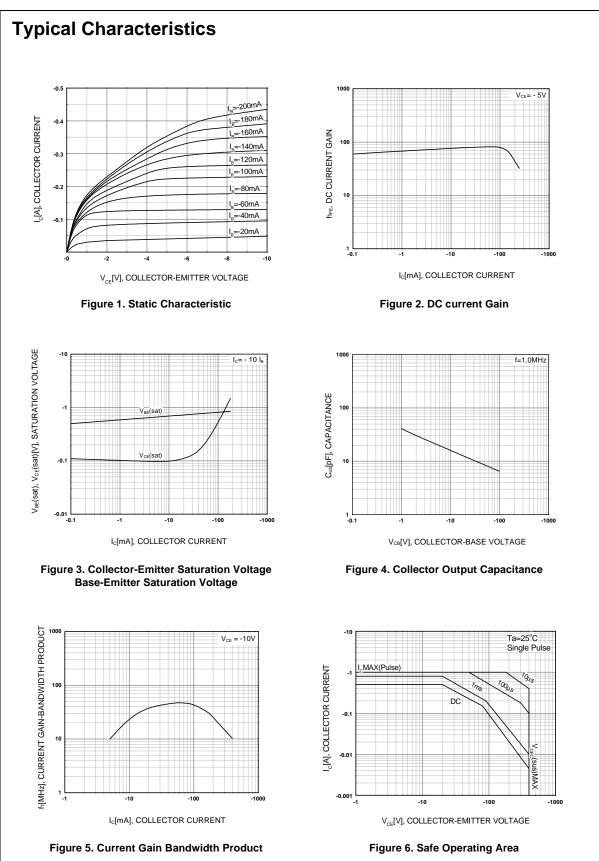
Symbol	Parameter	Ratings	Units
V _{CBO}	Collector-Base Voltage	-400	V
V _{CEO}	Collector-Emitter Voltage	-400	V
V _{EBO}	Emitter-Base Voltage	-7	V
в	Base Current	-0.25	A
С	Collector Current (DC)	-0.5	A
СР	Collector Current (Pulse)	-1.0	A
Pc	Collector Power Dissipation (T _a =25°C)	0.75	W
I _{CP} P _C P _C	Collector Power Dissipation (T _C =25°C)	2	W
Т _Ј	Junction Temperature	150	°C
T _{STG}	Storage Temperature	-55 ~ 150	°C

Electrical Characteristics Ta=25°C unless otherwise noted

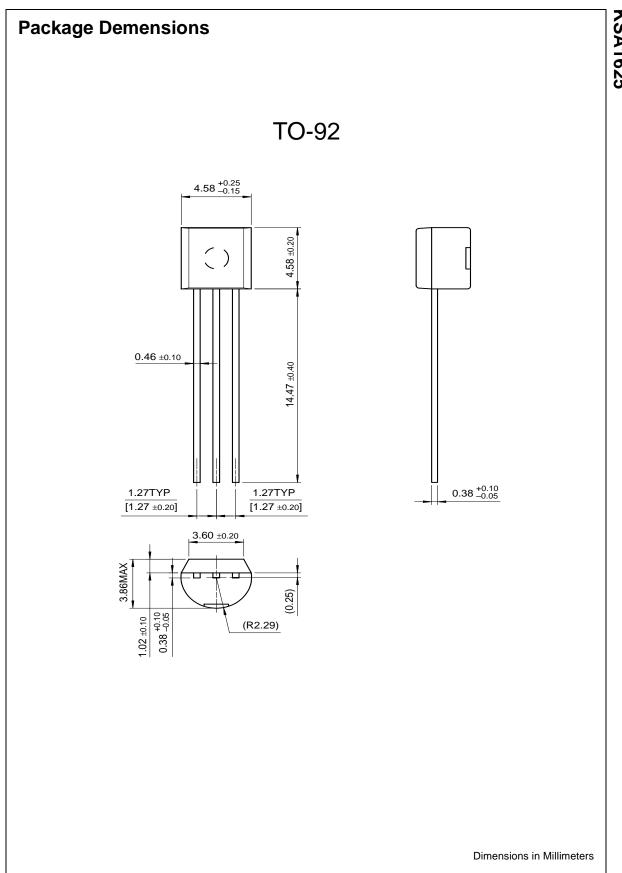
Symbol	Parameter	Test Condition	Min.	Max.	Units
BV _{CEO}	Collector-Emitter Breakdown Voltage	I _C = -1mA, I _B =0	-400		V
I _{CBO}	Collector Cut-off Current	V _{CB} = -400V, I _E =0		-1	μΑ
IEBO	Emitter Cut-off Current	V _{EB} = -5V, I _C =0		-1	μA
h _{FE}	Dc Current Gain	V _{CE} = -5V, I _C = -50mA	40	200	AV.
V _{CE} (sat)	Collector-Emitter Saturation Voltage	I _C = -100mA, I _B = -10mA		-1	V
V _{BE} (sat)	Base-Emitter Saturation Voltage	I _C = -100mA, I _B = -10mA	202	-1.2	V
f _T	Current Gain Bandwidth Product	V _{CE} = -10V, I _C = -10mA	10		MHz
C _{ob}	Output Capacitance	V _{CB} = -10V, f=1MHz		25	pF
t _{ON}	Turn On Time	I _C = -100mA, R _L =1.5kΩ		1	μs
t _{STG}	Storage Time	I _{B1} =- I _{B2} = -10mA		5	μs
t _F	Fall Time	V _{CC} = -150V		1	μs

h_{FE} Classification

Classification	М	L	К
h _{FE}	40 ~ 80	60 ~ 120	100 ~ 200



KSA1625



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