

1.Base 2.Collector 3.Emitter

PNP Epitaxial Silicon Transistor

Absolute Maximum Ratings T_C=25°C unless otherwise noted

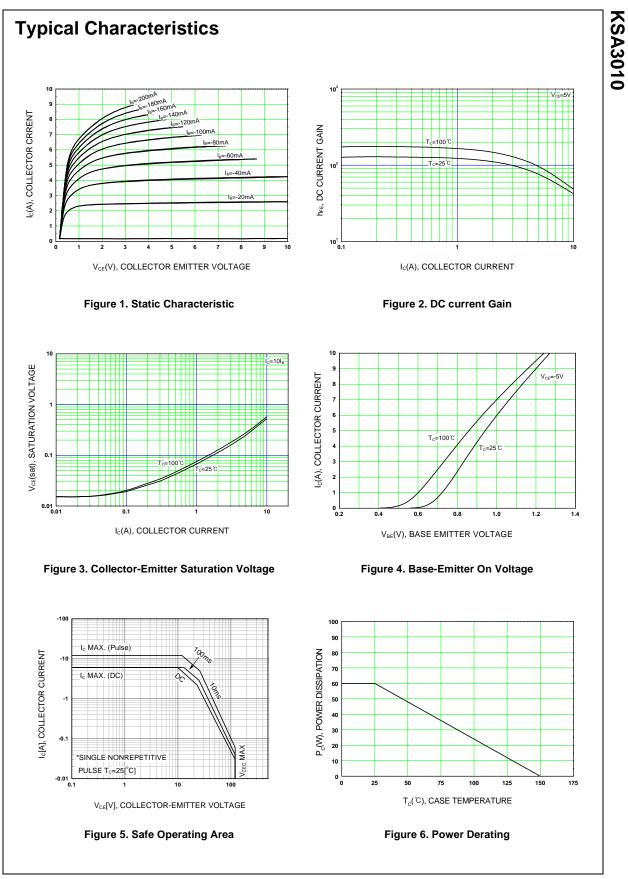
Symbol	Characteristic	Ratings	Units
V _{CBO}	Collector-Base Voltage	-120	V
V _{CEO}	Collector-Emitter Voltage	-120	V
V _{EBO}	Emitter-Base Voltage	-5	V
I _C	Collector Current (DC)	-6	А
I _{CP}	Collector Current (Pulse)	-12	А
P _C	Collector Dissipation (T _C =25°C)	60	W
TJ	Junction Temperature	150	°C
T _{STG}	Storage Temperature	- 50 ~ 150	٥°

Electrical Characteristics T_C=25°C unless otherwise noted

Symbol	Characteristic	Test Condition	Min.	Тур.	Max.	Units
BV _{CEO}	Collector-Emitter Breakdown Voltage	I _C = -5A, I _B = 0	-120	-	-	V
I _{CBO}	Collector Cut-off Current	V _{CB} = -120V, I _E = 0	-	-	-10	μΑ
I _{EBO}	Emitter Cut-off Current	V _{EB} = -5V, I _C = 0	-	-	-10	μΑ
h _{FE}	DC Current Gain	V _{CE} = -5V, I _C = -1A,	55	-	160	
V _{CE} (sat)	Collector-Emitter Saturation Voltage	I _C = -5A, I _B = -0.5A	-	-	-2.5	V
V _{BE} (on)	Base-Emitter ON Voltage	V _{CE} = -5V, I _C = -5A	-	-	-1.5	V
f _T	Current Gain Bandwidth Product	V _{CE} = -5V, I _C = -1A	-	30	-	MHz
C _{ob}	Output Capacitance	V _{CB} =-10V, I _E =0, f=1MHz	-	180	-	pF

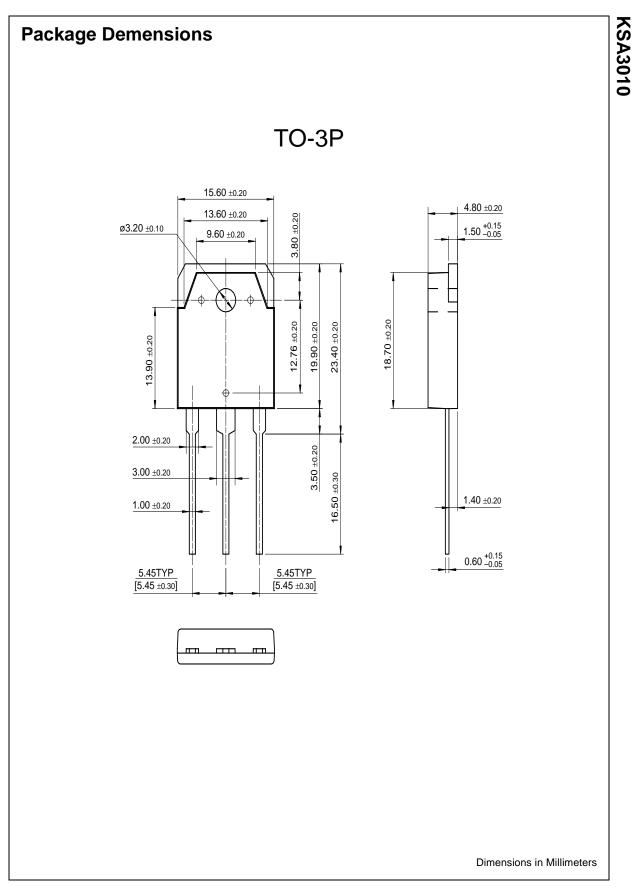
h_{FE} Classification

Classification	R	0
h _{FE}	55 ~ 110	80 ~ 160



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