





PNP Epitaxial Silicon Transistor

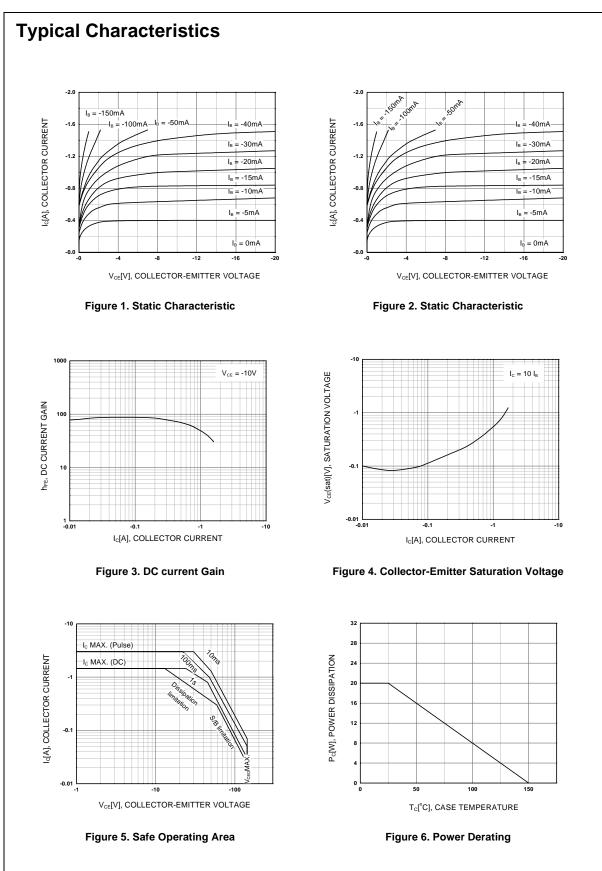
Absolute Maximum Ratings Tc=25°C unless otherwise noted

Symbol	Parameter	Ratings	Units
V _{CBO}	Collector-Base Voltage	- 150	V
V _{CEO}	Collector-Emitter Voltage	- 150	V
V _{EBO}	Emitter-Base Voltage	- 5	V
I _C	Collector Current	- 1.5	A
I _B	Base Current	- 0.5	А
P _C	Collector Dissipation (T _C =25°C)	20	W
TJ	Junction Temperature	150	°C
T _{STG}	Storage Temperature	- 55 ~ 150	°C

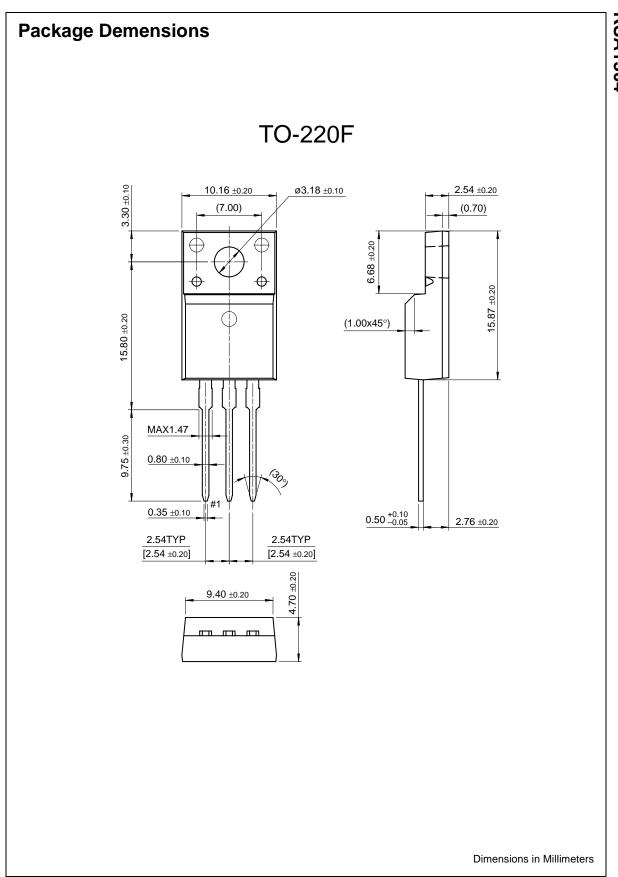
Electrical Characteristics T_C=25°C unless otherwise noted

Symbol	Parameter	Test Condition	Min.	Тур.	Max.	Units
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} = - 10V, I _C = - 500mA	40	75	140	
V _{CE} (sat)	Collector-Emitter Saturation Voltage	I _C = - 500mA, I _B = - 50mA			- 1.5	V
V _{BE} (on)	Base-Emitter ON Voltage	V _{CE} = - 10V, I _C = - 500mA	- 0.65	- 0.75	- 0.85	V
f _T	Current Gain Bandwidth Product	V _{CE} = - 10V, I _C = - 500mA		4	1 - 5	MHz
C _{ob}	Output Capacitance	V _{CB} = - 10V, f = 1MHz	-	55	- U.V.	pF





KSA1304



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