

Electrical Characteristics @ $T_A\!\!=\!\!25^\circ C$ Unless Otherwise Specified

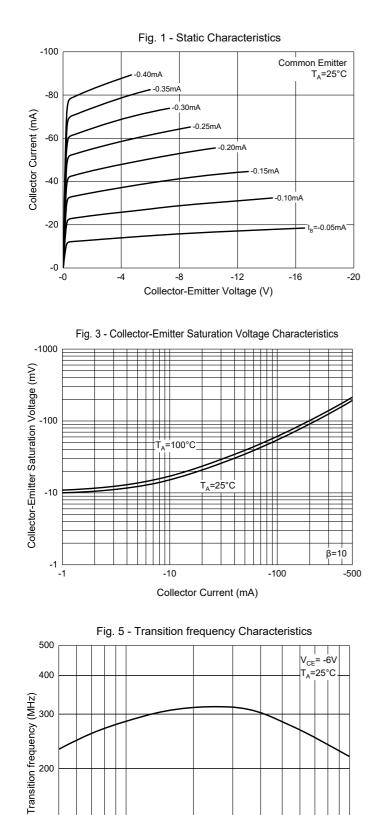
Parameter	Symbol	Min	Тур	Max	Units	Conditions
Collector-Base Breakdown Voltage	V _{(BR)CBO}	-40			V	I _C =-100μA, I _E =0
Collector-Emitter Breakdown Voltage	V _{(BR)CEO}	-25			V	I _C =-1mA, I _B =0
Emitter-Base Breakdown Voltage	V _{(BR)EBO}	-5			V	I _E =-100μΑ, I _C =0
Collector-Base Cutoff Current	I _{CBO}			-0.1	μA	V _{CB} =-40V, I _E =0
Collector Cutoff Current	I _{CEO}			-0.1	μA	V _{CE} =-20V, I _B =0
Emitter-Base Cutoff Current	I _{EBO}			-0.1	μA	V_{EB} =-5V, I _C =0
DC Current Gain	h _{FE(1)}	120		350		V_{CE} =-1V, I _C =-50mA
	h _{FE(2)}	40				V _{CE} =-1V, I _C =-500mA
Collector-Emitter Saturation Voltage	V _{CE(sat)}			-0.6	V	I _C =-500mA, I _B =-50mA
Base-Emitter Saturation Voltage	V _{BE(sat)}			-1.2	V	I _C =-500mA, I _B =-50mA
Base-Emitter Voltage	V _{BE}			-1.4	V	I _E =-100mA
Transition Frequency	f _T	150			MHz	V _{CE} =-6V, I _C =-20mA, f=30MHz

Classification of h_{FE(1)}

Rank	L	Н
Range	120-200	200-350



Curve Characteristics



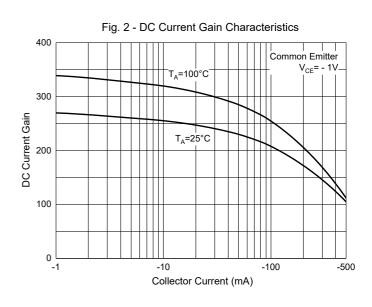
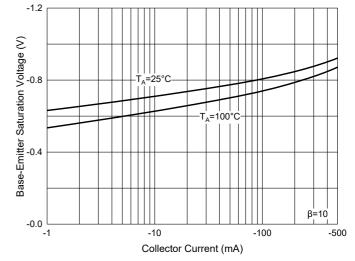
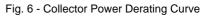
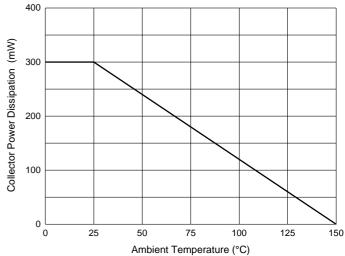


Fig. 4 - Base-Emitter Saturation Voltage Characteristics







100 L -5

-10

Collcetor Current (mA)

-100





Ordering Information

Device	Packing
Part Number-TP	Tape&Reel: 3Kpcs/Reel

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