

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

Parameter	Symbol	Min	Тур	Max	Units	Conditions
Collector-Base Cutoff Current	I _{CBO}			0.1	μA	V _{CB} =60V, I _E =0
Emitter-Base Cutoff Current	I _{EBO}			0.1	μA	V_{EB} =5V, I _C =0
DC Current Gain	h _{FE}	130		400		V _{CE} =6V, I _C =2mA
Collector-Emitter Saturation Voltage	V _{CE(sat)}		0.1	0.25	V	I _C =100mA, I _B =10mA
Base-Emitter Saturation Voltage	V _{BE(sat)}			1.0	V	I _C =100mA, I _B =10mA
Transition Frequency	f _T	80			MHz	V _{CE} =10V, I _C =1mA, f=30Hz
Collector Output Capacitance	C _{ob}		2	3	pF	V _{CB} =10V,I _E =0,f=1MHz
Noise Figure	N _F		1	10	dB	V_{CE} =6V,I _C =-0.1mA,f=100Hz,R _g =1K Ω

Classification of h_{FE}

Rank	L	Н
Range	130-200	200-400

Common Emitte V_{CE}= 6V

10

T_A=100°C

10

75

100

100150

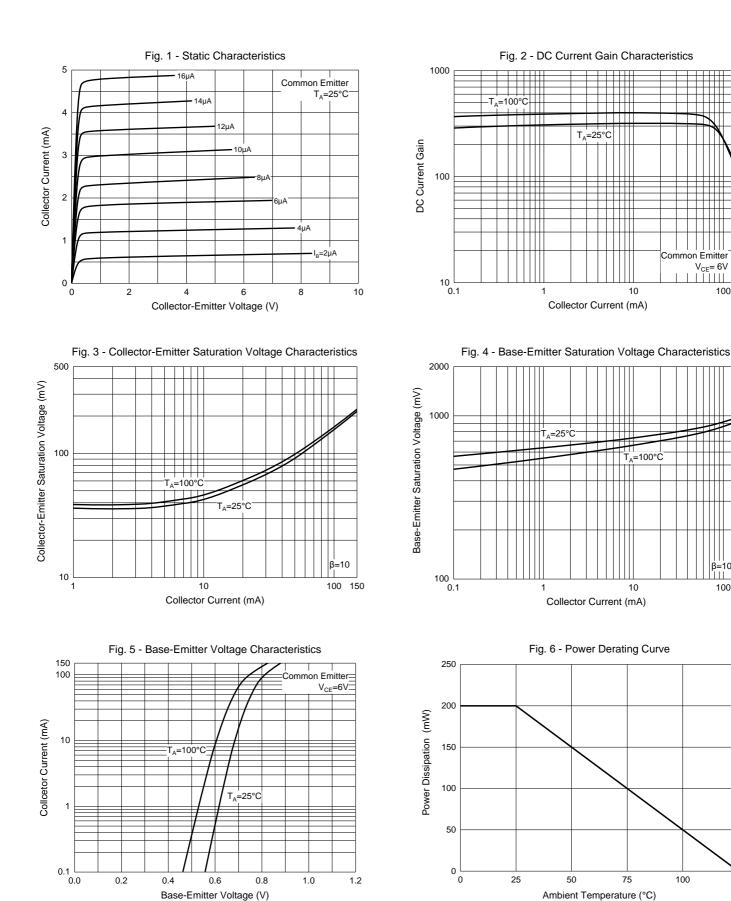
=10

100150

β 'nп



Curve Characteristics



125



Ordering Information

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

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