

Electrical Characteristics @ T_A =25°C Unless Otherwise Specified

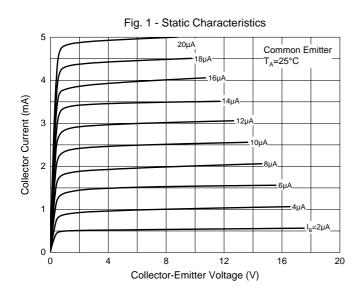
Parameter	Symbol	Min	Тур	Max	Units	Conditions
Collector-Base Breakdown Voltage	$V_{(BR)CBO}$	60			V	I _C =50μA, I _E =0
Collector-Emitter Breakdown Voltage	V _{(BR)CEO}	50			V	I _C =1mA, I _B =0
Emitter-Base Breakdown Voltage	V _{(BR)EBO}	7			V	I _E =50μA, I _C =0
Collector-Base Cutoff Current	I _{CBO}			0.1	μA	V _{CB} =60V, I _E =0
Emitter-Base Cutoff Current	I _{EBO}			0.1	μA	V_{EB} =7V, I_{C} =0
DC Current Gain	h _{FE}	120		560		V _{CE} =6V, I _C =1mA
Collector-Emitter Saturation Voltage	V _{CE(sat)}			0.4	V	I _C =50mA, I _B =5mA
Transition Frequency	f _T	150			MHz	V _{CE} =12V,I _C =2mA,f=100MHz

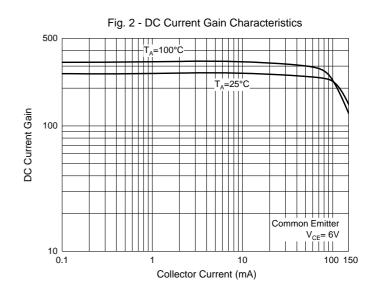
Classification of h_{FE}

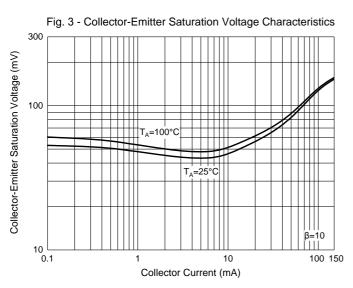
Rank	Q	R	S
Range	120-270	180-390	270-560
Marking	BQ	BR	BS

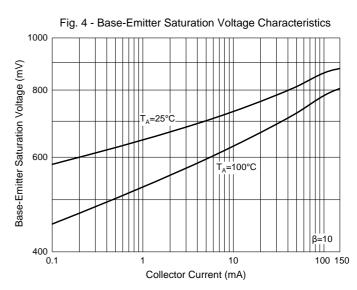


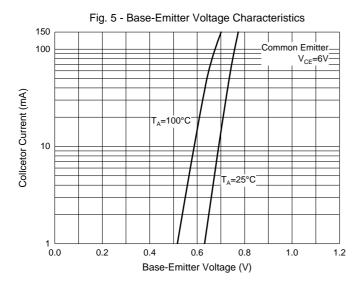
Curve Characteristics

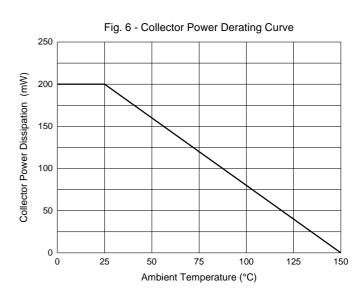














Ordering Information

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

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