

Electrical Characteristics @ 25°C Unless Otherwise Specified

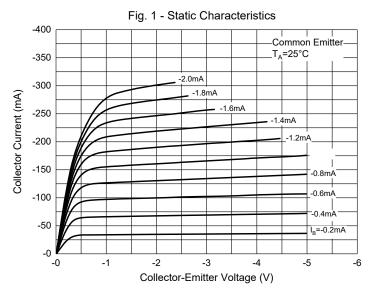
Parameter	Symbol	Min	Тур	Max	Units	Conditions
Collector-Base Breakdown Voltage	V _{(BR)CBO}	-60			V	I _C =-100μA, I _E =0
Collector-Emitter Breakdown Voltage	V _{(BR)CEO}	-60			V	I _C =-1mA, I _B =0
Emitter-Base Breakdown Voltage	V _{(BR)EBO}	-5			V	I _E =-100μA, I _C =0
Collector-Base Cutoff Current	I _{CBO}			-0.1	μA	V_{CB} =-30V, I_{E} =0
Emitter-Base Cutoff Current	I _{EBO}			-0.1	μA	V _{EB} =-5.0V, I _C =0
DC Current Gain	h _{FE(1)}	63		250		V _{CE} =-2.0V, I _C =-150mA
	h _{FE(2)}	63				V _{CE} =-2.0V, I _C =-5mA
	h _{FE(3)}	40				V _{CE} =-2.0V, I _C =-500mA
Collector-Emitter Saturation Voltage	V _{CE(sat)}			-0.5	V	I _C =-500mA, I _B =-50mA
Base-Emitter Voltage	V_{BE}			-1	V	V _{CE} =-2.0V, I _C =-500mA
Transition Frequency	f _T		50		MHz	V _{CE} =-5.0V, I _C =-10mA, f=100MHz

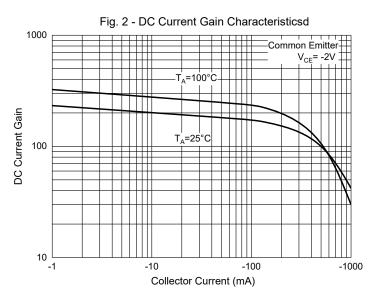
Classification of $h_{\text{FE}(1)}$

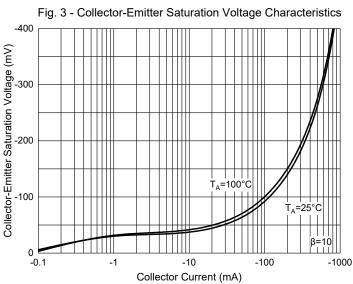
Rank	BCX52	BCX52-10	BCX52-16
Range	63~250	63~160	100~250
Marking	AE	AG	AM

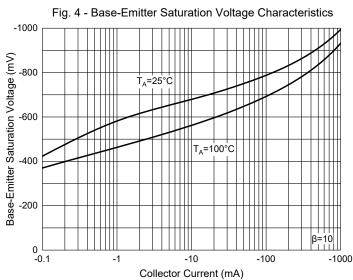


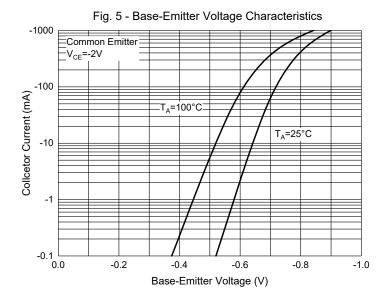
Curve Characteristics

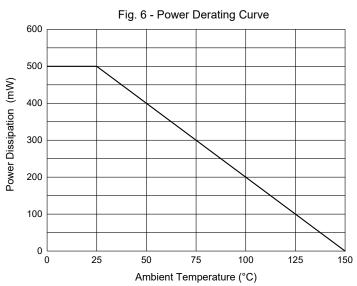














Ordering Information

Device	Packing		
Part Number-TP	Tape&Reel:1Kpcs/Reel		

Note: Adding "-HF" Suffix For Halogen Free, eg. Part Number-TP-HF

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