

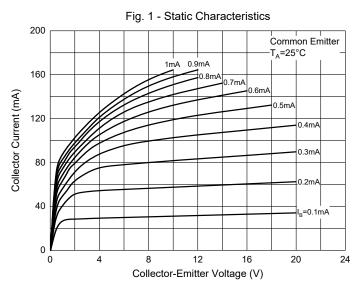
# Electrical Characteristics @ 25°C Unless Otherwise Specified

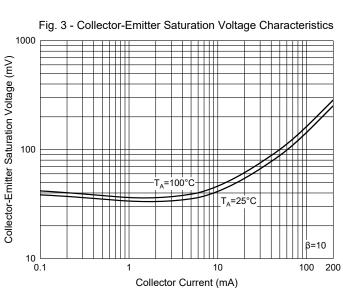
Parameter	Symbol	Min	Тур	Max	Units	Conditions
Collector-Base Breakdown Voltage	V <sub>(BR)CBO</sub>	50			V	$I_{C}=50\mu A, I_{E}=0$
Collector-Emitter Breakdown Voltage	V <sub>(BR)CEO</sub>	50			V	I <sub>C</sub> =1mA, I <sub>B</sub> =0
Emitter-Base Breakdown Voltage	$V_{(BR)EBO}$	5			V	$I_E=50\mu A, I_C=0$
Collector-Base Cutoff Current	I <sub>CBO</sub>			0.5	μA	$V_{CB}$ =30V, $I_E$ =0
Emitter-Base Cutoff Current	I <sub>EBO</sub>			0.5	μA	$V_{EB}$ =4V, $I_C$ =0
DC Current Gain	h <sub>FE</sub>	120		560		V <sub>CE</sub> =6V, I <sub>C</sub> =1mA
Collector-Emitter Saturation Voltage	V <sub>CE(sat)</sub>			0.4	V	I <sub>C</sub> =50mA, I <sub>B</sub> =5mA
Transition Frequency	f <sub>T</sub>		180		MHz	V <sub>CE</sub> =12V, I <sub>C</sub> =2mA, f=100MHz
Output Capacitance	C <sub>ob</sub>		2	3.5	pF	V <sub>CB</sub> =12V, I <sub>E</sub> =0, f=1MHz

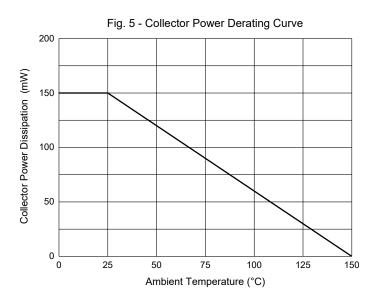
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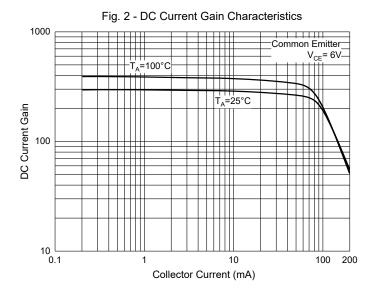


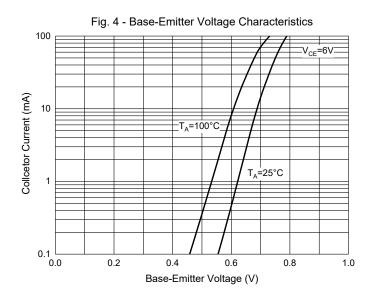
### **Curve Characteristics**













## **Ordering Information**

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

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