

Electrical Characteristics @ T_A =25°C Unless Otherwise Specified

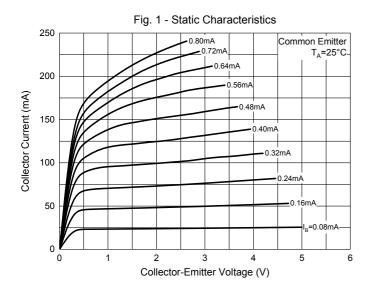
Parameter		Symbol	Min	Тур	Max	Units	Conditions
Collector-Base Breakdown Voltage	BC337	V _{(BR)CBO}	50			V	I _C =100μA, I _E =0
	BC338		30				
Collector-Emitter Breakdown Voltage	BC337	V _{(BR)CEO}	45			V	I _C =10mA, I _B =0
	BC338		25				
Emitter-Base Breakdown Voltage		$V_{(BR)EBO}$	5			V	I _E =10μA, I _C =0
Collector Cutoff Current	BC337	I _{CBO}			0.1	μA	V _{CB} =45V, I _E =0
	BC338				0.1		V_{CB} =25V, I_{E} =0
Collector Cutoff Current	BC337	I _{CEO}			0.2	μA	V _{CE} =40V, I _B =0
	BC338				0.2		V _{CE} =20V, I _B =0
Emitter Cutoff Current		I _{EBO}			0.1	μA	V_{EB} =4V, I_C =0
DC Current Gain		h _{FE(1)}	100		630		V _{CE} =1V, I _C =100mA
		h _{FE(2)}	60				V_{CE} =1V, I_{C} =300mA
Collector-Emitter Saturation Voltage		V _{CE(sat)}			0.7	V	I _C =500mA, I _B =50mA
Base-Emitter Saturation Voltage		V _{BE(sat)}			1.2	V	I _C =500mA, I _B =50mA
Transition Frequency		f _T	210			MHz	V _{CE} =5V, I _C =10mA, f=100MHz
Output Capacitance		C _{ob}		15		pF	V _{CB} =10V, I _E =0, f=1MHz

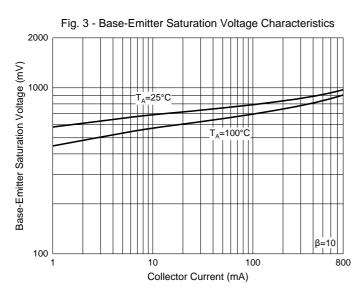
Classification of h_{FE(1)}

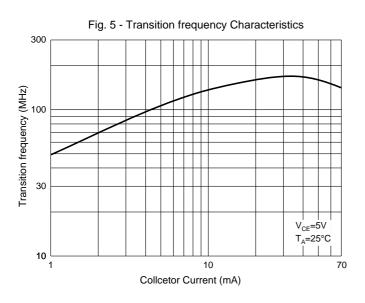
Rank	16	25	40
Range	100-250	160-400	250-600

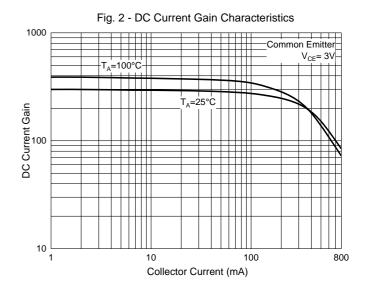


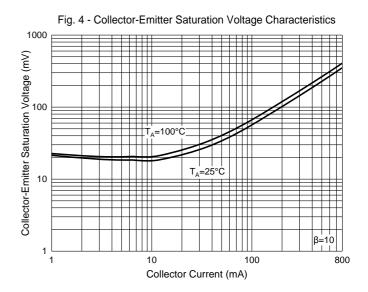
Curve Characteristics

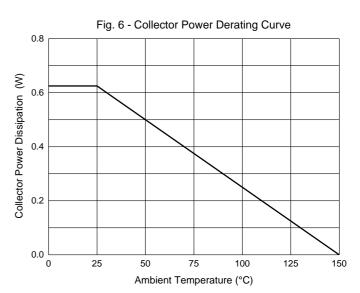














Ordering Information

Device	Packing		
Part Number-AP	Ammo Packing: 20Kpcs/Carton		
Part Number-BP	Bulk:1k/Bag,100K/Ctn;		

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

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