

Features

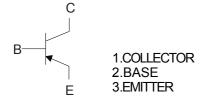
- · Halogen Free Available Upon Request By Adding Suffix "-HF"
- Epoxy Meets UL 94 V-0 Flammability Rating
- Lead Free Finish/RoHS Compliant ("P" Suffix Designates RoHS Compliant. See Ordering Information)

Maximum Ratings @ 25°C Unless Otherwise Specified

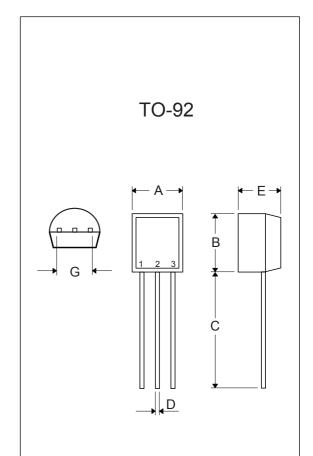
- Operating Junction Temperature Range: -55°C to +150°C
- Storage Temperature Range: -55°C to +150°C
- Thermal Resistance: 200°C/W Junction to Ambient

Parameter	Symbol	Rating	Unit	
Collector Page Voltage	BC327	V _{CBO}	-50	V
Collector-Base Voltage	BC328	V CBO	-30	
Collector-Emitter	BC327	V _{CEO}	-45	V
Voltage	BC328	▼ CEO	-25	
Emitter-Base Voltage	V _{EBO}	-5	V	
Continuous Collector C	I _C	-0.8	Α	
Power Dissipation	P _D	0.625	W	

Internal Structure



PNP Plastic-Encapsulate Transistors



DIMENSIONS					
DIM	INCHES		M	M	NOTE
DIIVI	MIN	MAX	MIN	MAX	NOIE
Α	0.169	0.185	4.30	4.70	
В	0.169	0.185	4.30	4.70	
С	0.500		12.70		
D	0.015	0.022	0.38	0.55	
E	0.130	0.146	3.30	3.70	
G	0.095	0.105	2.42	2.67	Straight Lead
G	0.173	0.220	4.40	5.60	Bent



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

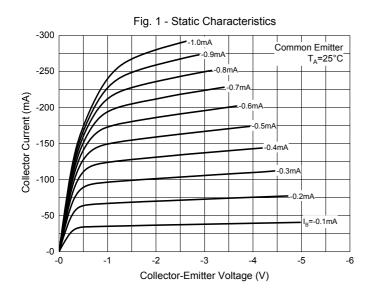
Parameter		Symbol	Min	Тур	Max	Units	Conditions
Collector-Base Breakdown	BC327	\/	-50			V	I _C =-100μA, I _E =0
Voltage	BC328	$V_{(BR)CBO}$	-30			V	100μΑ, 1Ε-0
Collector-Emitter	BC327	-45	3C327			V	I _C =-10mA, I _B =0
Breakdown Voltage	BC328	V _{(BR)CEO}	-25			V	IC IOIIIA, IB-0
Emitter-Base Breakdown Voltage		$V_{(BR)EBO}$	-5			V	I _E =-10μA, I _C =0
Collector Cutoff Current	BC327	I _{CBO}			-0.1	μΑ	V _{CB} =-45V, I _E =0
	BC328				-0.1	μA	V _{CB} =-25V, I _E =0
Callantar Cutoff Cumant	BC327	I _{CEO}			-0.2	μΑ	V _{CE} =-40V, I _B =0
Collector Cutoff Current	BC328				-0.2	μΑ	V _{CE} =-20V, I _B =0
Emitter Cutoff Current		I _{EBO}			-0.1	μΑ	V _{EB} =-4V, I _C =0
DC Current Gain		h _{FE(1)}	100		630		V _{CE} =-1V, I _C =-100mA
		h _{FE(2)}	40				V _{CE} =-1V, I _C =-300mA
Collector-Emitter Saturation Voltage		V _{CE(sat)}			-0.7	V	I _C =-500A, I _B =-50mA
Base-Emitter Saturation Voltage		V _{BE(sat)}			-1.2	V	I _C =-500A, I _B =-50mA
Base-Emitter Voltage		V_{BE}			-1.2	V	V _{CE} =-1V, I _C =-300mA
Transition Frequency		f _T	260			MHz	V _{CE} =-5V, I _C =-10mA, f=100MHz

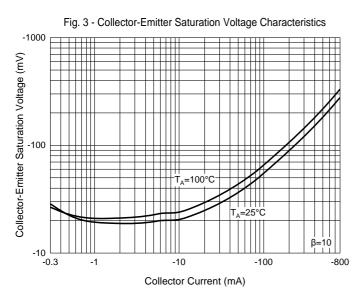
Classification of h_{FE(1)}

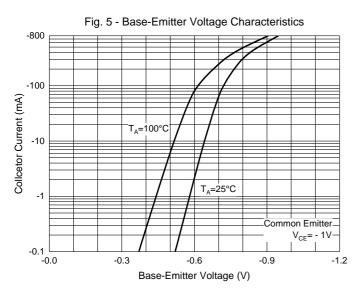
Rank	16	25	40
Range	100-250	160-400	250-630

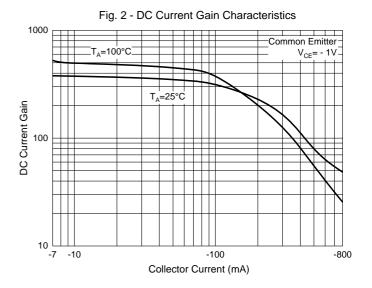


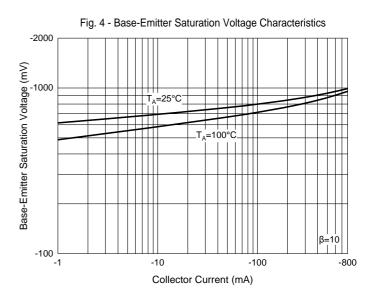
Curve Characteristics

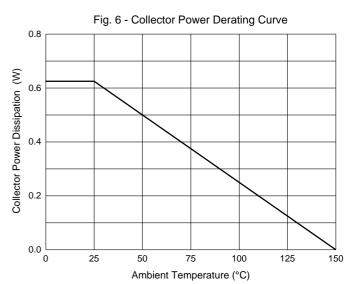














Ordering Information

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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