



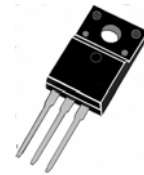
■ APPLICATIONS

- Power Amplifier Applications.
- Driver Stage Amplifier Applications.
- Complementary to HC4793.

■ ABSOLUTE MAXIMUM RATINGS (T_C=25°C)

- T_{stg}—Storage Temperature..... -55~150°C
- T_j—Junction Temperature..... 150°C
- P_C—Collector Dissipation(T_c=25°C).....20W
- P_C—Collector Dissipation (T_a=25°C)2W
- V_{CB0}—Collector-Base Voltage.....-230V
- V_{CEO}—Collector-Emitter Voltage.....-230V
- V_{EBO}—Emitter-Base Voltage.....-5V
- I_C—Collector Current (DC)-1A
- I_C—Collector Current (Pulse)-0.1A

TO-220F



- 1—Base, B
2—Collector, C
3—Emitter, E

■ ELECTRICAL CHARACTERISTICS (T_C=25°C)

Symbol	Characteristics	Min	Typ	Max	Unit	Test Conditions
BV _{CB0}	Collector-Base Breakdown Voltage	-230			V	I _C =-1mA, I _E =0
BV _{CEO}	Collector-Emitter Breakdown Voltage	-230			V	I _C =-10mA, I _B =0
BV _{EBO}	Emitter-Base Breakdown Voltage	-5			V	I _E =-1mA, I _C =0
H _{FE} (1)	DC Current Gain	100		320		V _{CE} =-5V, I _C =-100mA
V _{CE(sat)}	Collector- Emitter Saturation Voltage			-1.5	V	I _C =-500mA, I _B =-50mA
V _{BE}	Base-Emitter Voltage			-1.0	V	V _{CE} =-5V, I _C =-500mA
I _{CBO}	Collector Cut-off Current			-1	μA	V _{CB} =-230V, I _E =0
I _{EBO}	Emitter Cut-off Current			-1	μA	V _{EB} =-5V, I _C =0
f _T	Current Gain-Bandwidth Product		70		MHz	V _{CE} =-10V, I _C =-100mA
C _{ob}	Output Capacitance		30		pF	V _{CB} =-10V, f=1MHz, I _C =0



Typical Characteristics

