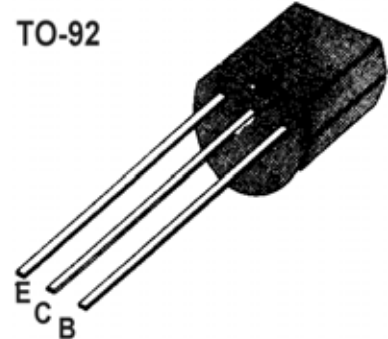


■■ APPLICATION: AMPLIFIER APPLICATIONSWITCH APPLICATION.

■■ MAXIMUM RATINGS (Ta=25°C)

PARAMETER	SYMBOL	RATING	UNIT
Collector-base voltage	V _{CBO}	-25	V
Collector-emitter voltage	V _{CEO}	-25	V
Emitter-base voltage	V _{EBO}	-7	V
Collector current	I _c	-100	mA
Collector Power Dissipation	P _c	400	mW
Junction Temperature	T _J	150	°C
Storage Temperature Range	T _{stg}	- 55~150	°C



■■ ELECTRICAL CHARACTERISTICS (Ta=25°C)

PARAMETER	SYMBOL	MIN.	TYP.	MAX.	UNIT	TEST CONDITION
DC Current Gain	h _{FE}	130		520		V _{CE} = -5V, I _c = -2mA
Collector Cut-off Current	I _{CBO}			-1	μA	V _{CB} = -20V, I _E =0
Emitter Cut-off Current	I _{EBO}			-1	μA	V _{EB} = -5V, I _c =0
Collector-Base Breakdown Voltage	BV _{CBO}	-25			V	I _c = -0.1mA, I _E =0
Collector-Emitter Breakdown Voltage	BV _{CEO}	-25			V	I _c = -2mA, I _B =0
Emitter-Base Breakdown Voltage	BV _{EBO}	-7			V	I _E = -0.1mA, I _c =0
Collector-Emitter Saturation Voltage	V _{CE(sat)}			-1	V	I _c = -50mA, I _B = -2.5mA
Common Base Output Capacitance	C _{ob}		3.5		PF	V _{CB} = -10V, I _E =0, f = 1MHz

■■ h_{FE} Classification

Classification	Q	R	S
h _{FE}	130~260	180~360	260~520