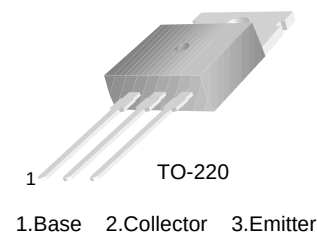


■■ **APPLICATION:** Low Frequency Power Amplifier.
Power Regulator

■■ **MAXIMUM RATINGS** (Ta=25℃)

PARAMETER	SYMBOL	RATING	UNIT
Collector-base voltage	V _{CBO}	-80	V
Collector-emitter voltage	V _{CEO}	-55	V
Emitter-base voltage	V _{EBO}	-5	V
Collector current	I _C	-3.0	A
Collector Power Dissipation	P _C	25	W
Junction Temperature	T _J	150	℃
Storage Temperature Range	T _{stg}	- 55~150	℃



■■ **ELECTRICAL CHARACTERISTICS** (Ta=25℃)

PARAMETER	SYMBOL	MIN.	TYP.	MAX.	UNIT	TEST CONDITION
DC Current Gain	h _{FE}	40		240		V _{CE} = -5V, I _C = -0.5A
Collector Cut-off Current	I _{CBO}			-50	μA	V _{CB} = -50V, I _E =0
Emitter Cut-off Current	I _{EBO}			-10	μA	V _{EB} = -3V, I _C =0
Collector-Base Breakdown Voltage	BV _{CBO}	-80			V	I _C = -0.5mA, I _E =0
Collector-Emitter Breakdown Voltage	BV _{CEO}	-55			V	I _C = -10mA, I _B =0
Emitter-Base Breakdown Voltage	BV _{EBO}	-5			V	I _E = -0.5mA, I _C =0
Collector-Emitter Saturation Voltage	V _{CE(sat)}		-0.15	-0.5	V	I _C = -1A, I _B = -0.1A

■■ **h_{FE} Classification And Marking**

Classification	R	O	Y
h _{FE}	40~80	70~140	120~240