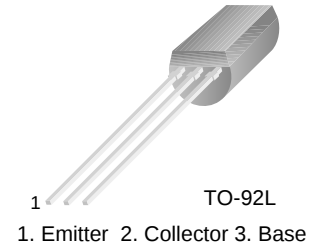


■■ APPLICATION: Color TV Ver.Deflection Output Applications.

Color TV Class B Sound Output Applications.

■■ MAXIMUM RATINGS (Ta=25℃)

PARAMETER	SYMBOL	RATING	UNIT
Collector-base voltage	V _{CBO}	-160	V
Collector-emitter voltage	V _{CEO}	-160	V
Emitter-base voltage	V _{EBO}	-6	V
Collector current	I _C	-1	A
Collector Power Dissipation	P _C	900	mW
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}	60		320		V _{CE} = -5V, I _C = -200mA
Collector Cut-off Current	I _{CBO}			-1	μA	V _{CB} = -160V, I _E =0
Emitter Cut-off Current	I _{EBO}			-1	μA	V _{EB} = -6V, I _C =0
Collector-Base Breakdown Voltage	BV _{CBO}	-160			V	I _C = -0.1mA, I _E =0
Collector-Emitter Breakdown Voltage	BV _{CEO}	-160			V	I _C = -10mA, I _B =0
Emitter-Base Breakdown Voltage	BV _{EBO}	-6			V	I _E = -0.1mA, I _C =0
Base-Emitter Voltage	V _{BE (on)}	-0.45		-0.75	V	V _{CE} = -5V, I _C = -5mA
Collector-Emitter Saturation Voltage	V _{CE(sat)}			-1.5	V	I _C = -500mA, I _B = -50mA
Gain bandwidth product	f _T	15	50		MHz	I _C = -200mA, V _{CE} = -5V
Common Base Output Capacitance	C _{ob}			35	PF	V _{CB} = -10V, I _E =0, f = 10MHz

■■ hFE Classification

Classification	R	O	Y
h _{FE}	60~120	100~200	160~320