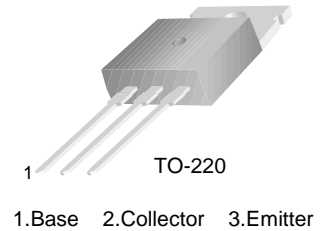


■■ APPLICATION: Holizontal Deflection Output for Color TV.

■■ MAXIMUM RATINGS (Ta=25°C)

PARAMETER	SYMBOL	RATING	UNIT
Collector-base voltage	V _{CB0}	1500	V
Collector-emitter voltage	V _{CEO}	600	V
Emitter-base voltage	V _{EBO}	5	V
Collector current	I _C	6	A
Collector Power Dissipation	P _C	50	W
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}	5		9		V _{CE} = 5V, I _C = 4A
Collector Cut-off Current	I _{CB0}			1	mA	V _{CB} = 1500V, I _E =0
Emitter Cut-off Current	I _{EBO}			200	mA	V _{EB} = 5V, I _C =0
Collector-Base Breakdown Voltage	BV _{CB0}	1500			V	I _C = 1mA, I _E =0
Collector-Emitter Breakdown Voltage	BV _{CEO}	600			V	I _C = 10mA, I _B =0
Emitter-Base Breakdown Voltage	BV _{EBO}	5			V	I _E = 400mA, I _C =0
Base-Emitter Saturation Voltage	V _{BE(sat)}			1.3	V	I _C = 4A, I _B = 0.8A
Collector-Emitter Saturation Voltage	V _{CE(sat)}			5	V	I _C = 4A, I _B = 0.8A
Gain bandwidth product	f _T		2		MHz	I _C = 100mA, V ₁₀ = 5V
Common Base Output Capacitance	C _{ob}		95		PF	V _{CB} = 10V, I _E =0, f = 1MHz

■■ h_{FE} Classification And Marking

Classification

h_{FE} 5~9

