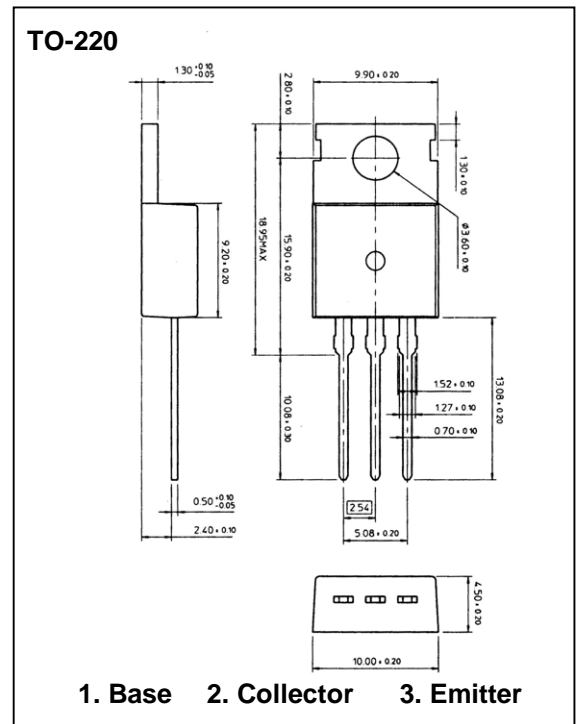


TV VERTICAL DEFLECTION OUTPUT

- Complement to A940
- Collector-Emitter Voltage: $V_{CE0}=150V$
- Collector Dissipation: $P_C(\text{max})=25W$

Absolute Maximum Ratings (TA=25°C)

Characteristic	Symbol	Rating	Unit
Collector-Base Voltage	V_{CBO}	150	V
Collector-Emitter Voltage	V_{CEO}	150	V
Emitter-Base Voltage	V_{EBO}	5	V
Collector Current	I_C	1.5	A
Collector Dissipation	P_C	25	W
Junction Temperature	T_J	150	°C
Storage Temperature	T_{STG}	-55~+150	°C



Electrical Characteristics (TA=25°C)

Characteristic	Symbol	Test Conditions	Min	Typ	Max	Unit
Collector-Base Breakdown Voltage	BV_{CBO}	$I_C=500 \mu A, I_E=0$	150			V
Collector-Emitter Breakdown Voltage	BV_{CEO}	$I_C=10mA, I_B=0$	150			V
Emitter-base Breakdown Voltage	BV_{EBO}	$I_C=500 \mu A, I_E=0$	5			V
Collector Cut-off Current	I_{CBO}	$V_{CB}=120V, I_E=0$			10	μA
DC Current Gain	h_{FE}	$V_{CE}=10V, I_C=0.5A$	40	75	140	
Collector-Emitter Saturation Voltage	$V_{CE(sat)}$	$I_C=500mA, I_B=0.5A$			1	V
Output Capacitance	C_{OB}	$V_{CB}=10V, I_E=0, f=1MHz$		50		pF
Current Gain Bandwidth Product	f_T	$V_{CE}=10V, I_C=0.5A$		4		MHz