

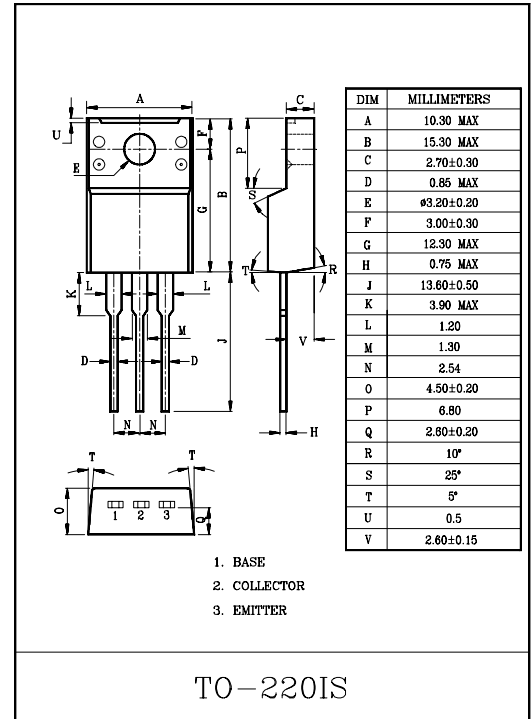
B/W TV HORIZONTAL DEFLECTION
OUTPUT APPLICATION.

FEATURES

- Large Collector Current Capability.
- Large Collector Power Dissipation Capability.

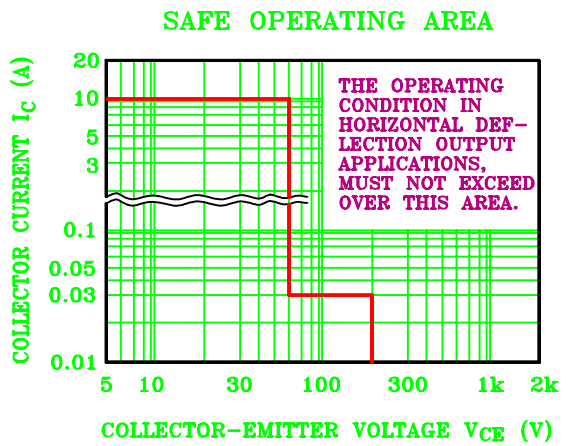
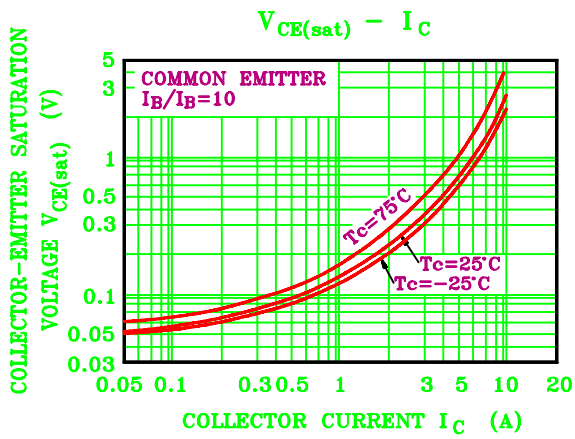
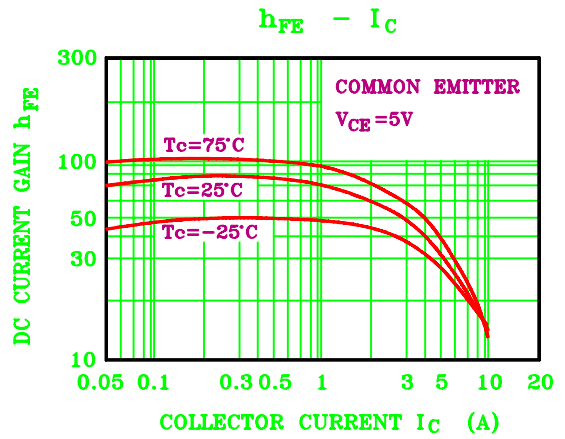
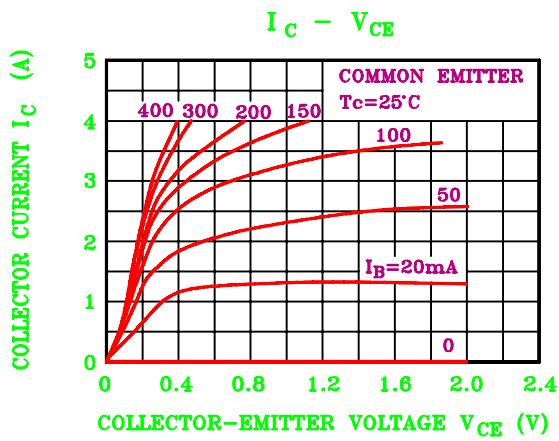
MAXIMUM RATINGS (Ta=25℃)

CHARACTERISTIC	SYMBOL	RATING	UNIT
Collector-Base Voltage	V_{CBO}	200	V
Collector-Emitter Voltage	V_{CEO}	60	V
Emitter-Base Voltage	V_{EBO}	5	V
Collector Current	I_C	4	A
	I_{CP}	10	
Base Current	I_B	1	A
Collector Power Dissipation (Tc=25℃)	P_C	30	W
Junction Temperature	T_j	150	℃
Storage Temperature Range	T_{stg}	-55~150	℃



ELECTRICAL CHARACTERISTICS (Ta=25℃)

CHARACTERISTIC	SYMBOL	TEST CONDITION	MIN.	TYP.	MAX.	UNIT
Collector Cut-off Current	I_{CBO}	$V_{CB}=170V, I_E=0$	—	—	10	μA
Emitter Cut-off Current	I_{EBO}	$V_{EB}=5V, I_C=0$	—	—	10	μA
DC Current Gain	$h_{FE} (1)$	$V_{CE}=5V, I_C=1A$	30	—	150	
	$h_{FE} (2)$	$V_{CE}=5V, I_C=4A$	20	40	—	
Collector-Emitter Saturation Voltage	$V_{CE(sat)}$	$I_C=4A, I_B=0.4A$	—	—	1.0	V
Base-Emitter Saturation Voltage	$V_{BE(sat)}$	$I_C=4A, I_B=0.4A$	—	—	1.5	V
Transition Frequency	f_T	$V_{CE}=5V, I_C=0.5A$	—	8.0	—	MHz



TEST CIRCUIT

