

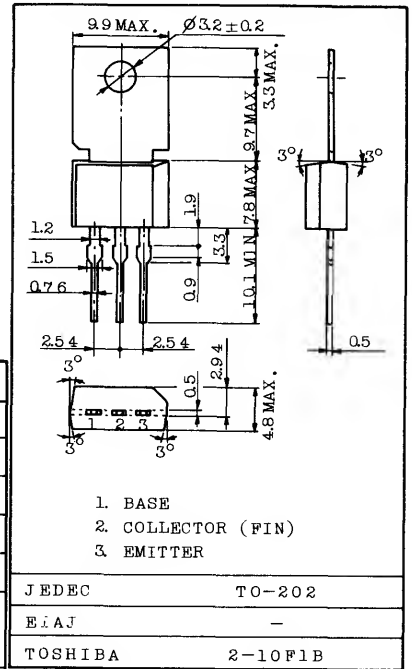
HIGH VOLTAGE GENERAL AMPLIFIER APPLICATIONS.
 COLOR TV CLASS B SOUND OUTPUT APPLICATIONS.

FEATURES:

- Large Collector Current and Collector Power Dissipation Capability. ($P_C=2.0W$ at $T_a=25^\circ C$)
- Designed for Complementary Use with 2SC2483.

MAXIMUM RATINGS ($T_a=25^\circ C$)

CHARACTERISTIC	SYMBOL	RATING	UNIT
Collector-Base Voltage	V_{CB0}	-160	V
Collector-Emitter Voltage	V_{CE0}	-160	V
Emitter-Base Voltage	V_{EB0}	-6	V
Collector Current	I_C	-1.5	A
Base Current	I_B	-1.0	A
Collector Power Dissipation	$T_a=25^\circ C$	P_C	2.0
	$T_c=25^\circ C$	P_C	15
Junction Temperature	T_j	175	$^\circ C$
Storage Temperature Range	T_{stg}	-55 ~ 150	$^\circ C$



Weight : 1.37g

ELECTRICAL CHARACTERISTICS ($T_a=25^\circ C$)

CHARACTERISTIC	SYMBOL	TEST CONDITION	MIN.	TYP.	MAX.	UNIT
Collector Cut-off Current	I_{CB0}	$V_{CB}=-150V, I_E=0$	-	-	-1.0	μA
Emitter Cut-off Current	I_{EB0}	$V_{EB}=-6V, I_C=0$	-	-	-1.0	μA
DC Current Gain	$h_{FE(1)}$ (Note)	$V_{CE}=-5V, I_C=-200mA$	60	-	200	
	$h_{FE(2)}$	$V_{CE}=-5V, I_C=-500mA$	40	-	-	
Collector-Emitter Saturation Voltage	$V_{CE(sat)}$	$I_C=-500mA, I_B=-50mA$	-	-	-1.0	V
Base-Emitter Voltage	V_{BE}	$V_{CE}=-5V, I_C=-5mA$	-0.50	-0.57	-0.70	V
Transition Frequency	f_T	$V_{CE}=-5V, I_C=-200mA$	15	50	-	MHz
Collector Output Capacitance	C_{ob}	$V_{CB}=-10V, I_E=0, f=1MHz$	-	-	35	pF

Note : $h_{FE(1)}$ Classification R : 60 ~ 120, 0 : 100 ~ 200