

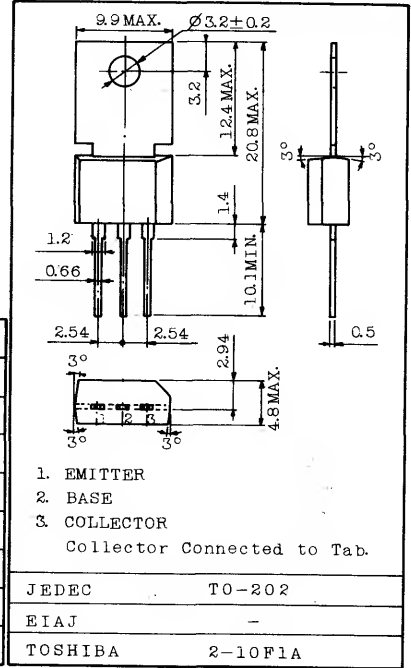
# 2SA962A

POWER AMPLIFIER APPLICATIONS.

FEATURES:

- Suitable for TV Sound Output, Vert. Deflection Output.
- Designed for Complementary Use with 2SC2194A.

Unit in mm



Weight : 1.37g

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

CHARACTERISTIC	SYMBOL	RATING	UNIT
Collector-Base Voltage	$V_{CBO}$	-60	V
Collector-Emitter Voltage	$V_{CEO}$	-50	V
Emitter-Base Voltage	$V_{EBO}$	-5	V
Collector Current	$I_C$	-1.5	A
Emitter Current	$I_E$	1.5	A
Collector Power Dissipation	$P_C$	1.5	W
Junction Temperature	$T_j$	150	$^\circ\text{C}$
Storage Temperature Range	$T_{stg}$	-55 ~ 150	$^\circ\text{C}$

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

CHARACTERISTIC	SYMBOL	TEST CONDITION	MIN.	TYP.	MAX.	UNIT
Collector Cut-off Current	$I_{CBO}$	$V_{CE}=-50\text{V}, I_E=0$	-	-	-1.0	$\mu\text{A}$
Emitter Cut-off Current	$I_{EBO}$	$V_{EB}=-5\text{V}, I_C=0$	-	-	-1.0	$\mu\text{A}$
Collector-Emitter Breakdown Voltage	$V_{(BR)CEO}$	$I_C=-10\text{mA}, I_B=0$	-50	-	-	V
DC Current Gain	$h_{FE}$	$V_{CE}=-2\text{V}, I_C=-150\text{mA}$	70	-	240	
Collector-Emitter Saturation Voltage	$V_{CE(sat)}$	$I_C=-1\text{A}, I_B=-0.1\text{A}$	-	-	-1.0	V
Base-Emitter Voltage	$V_{BE}$	$V_{CE}=-10\text{V}, I_C=-10\text{mA}$	-0.50	-0.60	-0.70	V
Transition Frequency	$f_T$	$V_{CE}=-10\text{V}, I_C=-100\text{mA}$	50	100	-	MHz
Collector Output Capacitance	$C_{ob}$	$V_{CB}=-10\text{V}, I_E=0, f=1\text{MHz}$	-	30	-	pF

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