

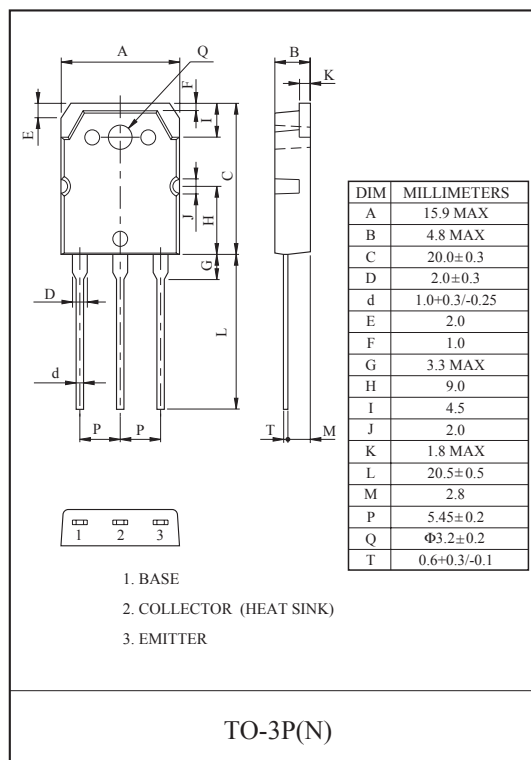
AUDIO AND GRNERAL PURPOSE APPLICATION.

#### FEATURES

- Recommended for 60W Audio Frequency Amplifier Output Stage.
- Complementary to KTC4468.

#### MAXIMUM RATING (Ta=25℃)

CHARACTERISTIC	SYMBOL	RATING	UNIT
Collector-Base Voltage	$V_{CBO}$	-140	V
Collector-Emitter Voltage	$V_{CEO}$	-140	V
Emitter-Base Voltage	$V_{EBO}$	-6	V
Collector Current	$I_C$	-10	A
Base Current	$I_B$	-4	A
Collector Power Dissipation (Tc=25℃)	$P_C$	100	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	$I_{CBO}$	$V_{CB}=-140V$	-	-	-10	$\mu A$
Emitter Cut-off Current	$I_{EBO}$	$V_{EB}=-6V$	-	-	-10	$\mu A$
Collector-Emitter Breakdown Voltage	$V_{(BR)CEO}$	$I_C=-50mA$	-140	-	-	V
Collector-Emitter Saturation Voltage	$V_{CE(sat)}$	$I_C=-5A, I_B=-0.5A$	-	-	-0.5	V
DC Current Gain	$h_{FE}$	$V_{CE}=-4V, I_C=-3A$	55	-	-	
Gain Bandwidth Product	$f_T$	$V_{CE}=-12V, I_E=0.5A$	-	20	-	MHz
Output Capacitance	$C_{ob}$	$V_{CB}=-10V, f=1MHz$	-	400	-	pF

Note :  $h_{FE}$  Classification R:55 ~ 110, O:80 ~ 160

