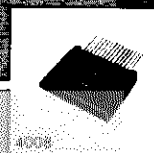


Case outline 4018 4017
STK-3042, 3044,
 4018 4018
3062, 3082

VOLTAGE AMPLIFIER FOR
 40 to 90W AF POWER AMP.



Use

- STK-3042: A voltage amplifier for 40 to 50W AF power amplifier
- STK-3044: A voltage amplifier for 40W AF power amplifier
- STK-3062: A voltage amplifier for 60 to 70W AF power amplifier
- STK-3082: A voltage amplifier for 80 to 90W AF power amplifier

MAXIMUM RATING / $T_a=25^\circ\text{C}$

		STK-3042	STK-3044	STK-3062	STK-3082	unit
Maximum Supply Voltage	V_{CC} max	± 48	± 48	± 55	± 65	V
Allowable Power Dissipation	P_d max	$\rightarrow$	$\rightarrow$	$\rightarrow$	4	W
Operating Case Temperature	T_C	$\rightarrow$	$\rightarrow$	$\rightarrow$	100	$^\circ\text{C}$
Storage Temperature	T_{stg}	$\rightarrow$	$\rightarrow$	$\rightarrow$	-30 to +100	$^\circ\text{C}$

RECOMMENDED OPERATION CONDITION / $T_a=25^\circ\text{C}$

		STK-3042	STK-3044	STK-3062	STK-3082	unit
Recommended Supply Voltage	V_{CC}	± 40	± 32	± 45	± 50	V
Load Resistance	R_L	$\rightarrow$	$\rightarrow$	$\rightarrow$	22k	ohm

OPERATING CHARACTERISTICS / $T_a=25^\circ\text{C}$, $V_G=26.5\text{dG}$, $R_L=22\text{k ohm}$

		STK-3042	STK-3044	STK-3062	STK-3082	unit
Current Dissipation	I_{CC}	30	30	35	35	mAmax
Output Center Voltage	V_N	$\rightarrow$	$\rightarrow$	$\rightarrow$	-70 to +70	mV
Output Noise Voltage	V_{NO}	0.2	0.5	0.2	0.2	mVmax
Input Resistance	r_i	32k	54k	32k	32k	ohm
Distortion	THD	0.01	0.02	0.01	0.01	%max

EQUIVALENT CIRCUIT

