

### 1.2W DUAL AUDIO POWER AMPLIFIER

KIA6269P is dual audio power amplifier designed for the portable radio cassette tape recorder.

#### FEATURES

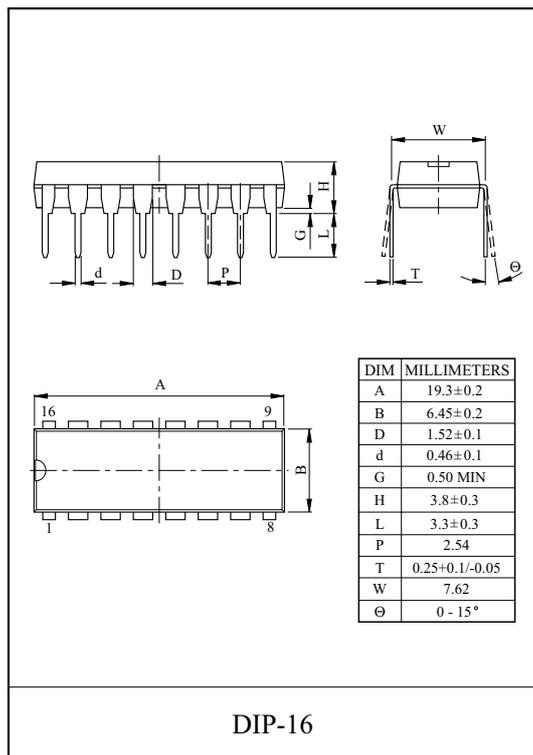
- High output power :  $P_{OUT}=1.0W$ (Typ.)  
( $V_{CC}=6V$ ,  $R_L=4\Omega$ ,  $f=1kHz$ ,  $THD=10\%$ ).
- Built-in thermal shut down protection circuit.
- Small pop noise at power supply ON.
- Soft clip.
- Wide operating supply voltage range :  $V_{CC}=4.5 \sim 9.0V$ .

#### MAXIMUM RATING ( $T_a=25^\circ C$ )

CHARACTERISTIC	SYMBOL	RATING	UNIT
Supply Voltage	$V_{CC}$	14	V
Power Dissipation (Note) (Package Limitation)	$P_D$	3.6	W
Operating Temperature	$T_{opr}$	-25 ~ 75	$^\circ C$
Storage Temperature	$T_{stg}$	-55 ~ 150	$^\circ C$

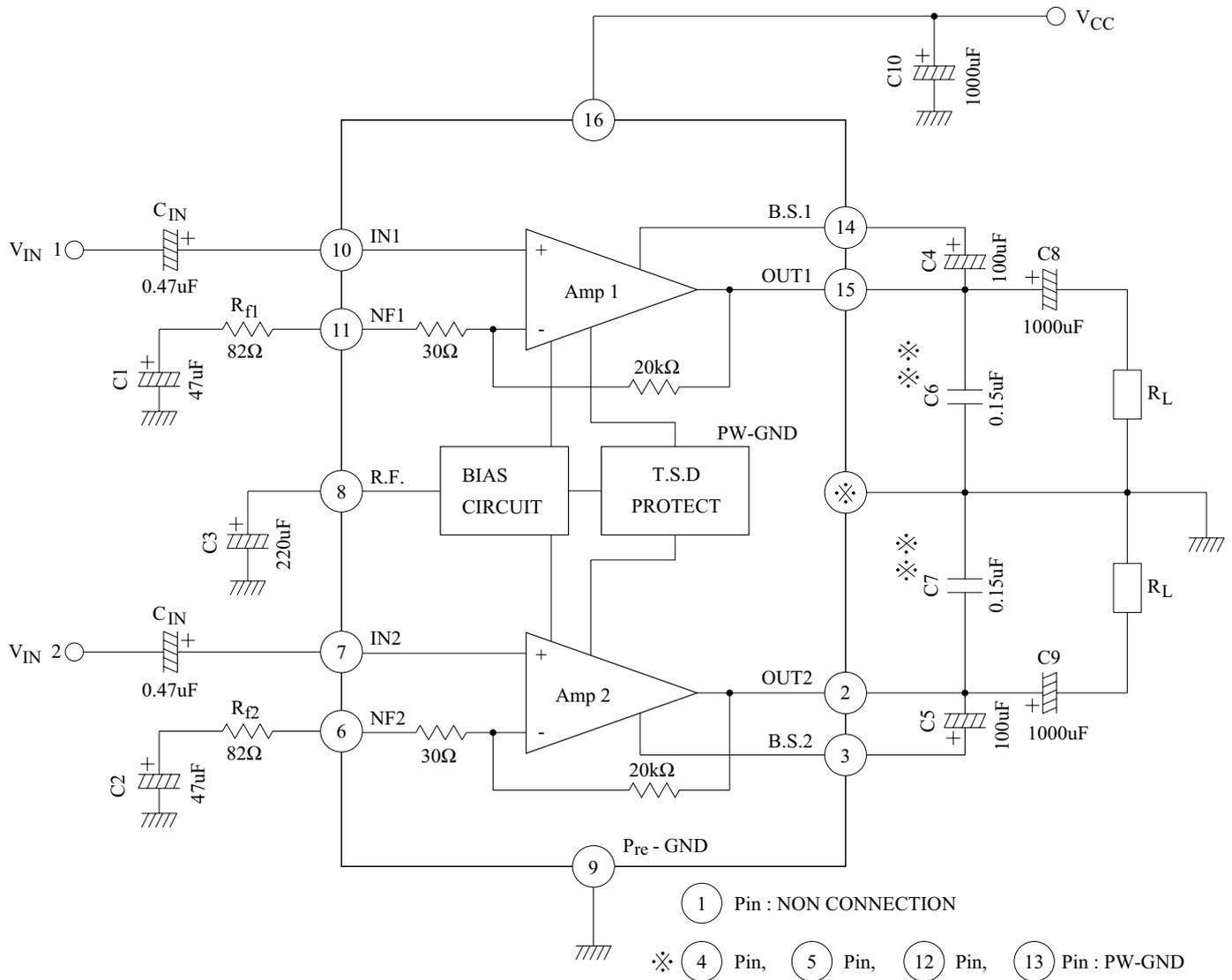
Note : Value for mounting on PC board with Cu Fin.

(Refer to  $P_D$ - $T_a$  curve)



# KIA6269P

## TEST CIRCUIT



※※ For C6 and C7, it is advised to use polyester film capacitor having superior quality in the characteristics of high frequency and temperature.