

## TAA621 Audio Amplifier

### REFERENCE TABLE

Code		Stock No.
TAA621A11	( $V_{CC} \leq 18V$ , $P_{OUT} = 2.2W$ )	29475H
TAA621AX1	( $V_{CC} \leq 24V$ , $P_{OUT} = 4W$ )	31158R

### DESCRIPTION

The TAA621 is a monolithic integrated circuit particularly designed for use in television sets as an audio amplifier. The usable range of supply voltage is very high (from 6 to 24V).

The TAA621 is assembled in a special 14 lead plastic split-DIP with a shaped heat-sink attached to a copper bar inserted in the plastic. The package provides low thermal resistance and an external heat-sink can easily be mounted by means of ordinary hardware.

### ABSOLUTE MAXIMUM RATINGS

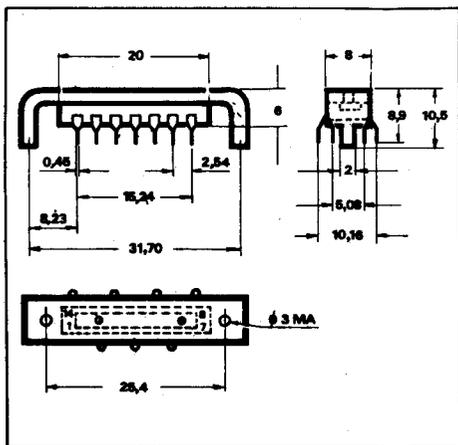
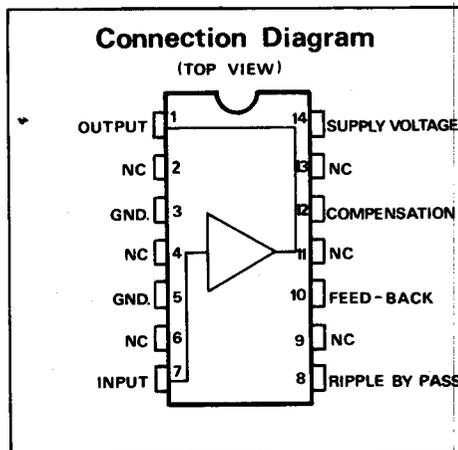
Supply voltage	27V
Input voltage	0.5 to 27V
Output peak current	1A
Power dissipation at $T_{amb} = 25^{\circ}C$	2W
Storage temperature	$-55^{\circ}C$ to $125^{\circ}C$

### FEATURES

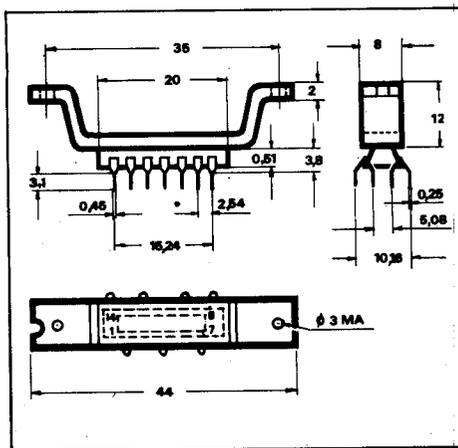
- Low quiescent output current
- Low cross-over distortion
- High efficiency
- Special package with external heat-sink
- Self-centering bias for any operation from 6 to 24V
- Direct coupled input, high input impedance and high-supply voltage rejection ratio.
- Minimum number of external components.

### CONNECTION DIAGRAM (top view)

The heat-sink is connected to the substrate (pin 5)



PHYSICAL DIMENSIONS (TAA621A11)



PHYSICAL DIMENSIONS (TAA621AX1)

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