

### TBA641B Audio Amplifier

#### REFERENCE TABLE

Code		Stock No.
TBA641B11	(External Heatsink Inverted)	31166R
TBA641BX1	(External Heatsink Bar)	31167G

#### DESCRIPTION

The TBA641B is a monolithic integrated circuit particularly designed for use as audio power amplifier in radio and television receivers, and in industrial applications which require high output power, low distortion and high reliability performance.

#### ABSOLUTE MAXIMUM RATINGS

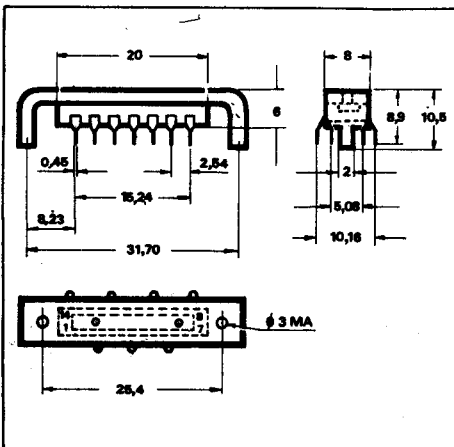
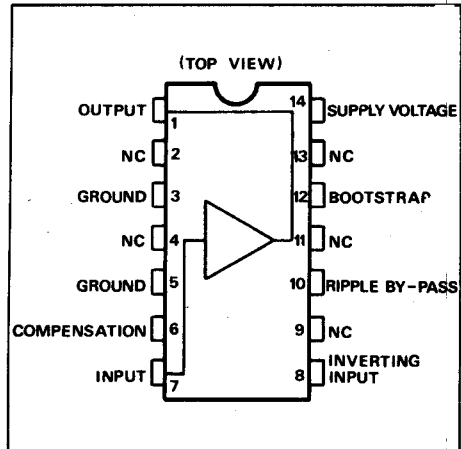
Supply voltage	16V
Input voltage	-0.5 to $V_{cc}$
Peak output current	2.5A
Power dissipation at $T_{amb} = 25^{\circ}\text{C}$	2.3W
Storage and junction temperature	-40 to 150°C

#### FEATURES

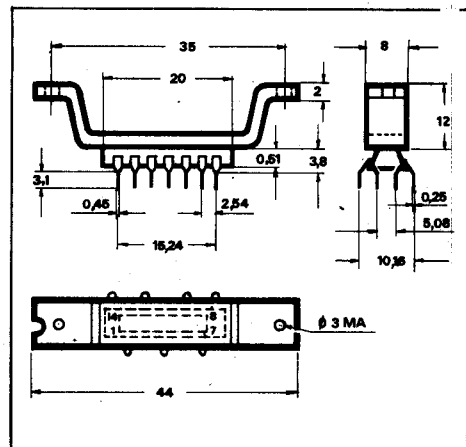
The circuit requires a minimum number of external components.

- Output power 4.5W (14V-4Ω)
- Low distortion
- Low quiescent current
- Self-centering bias (6V to 16V)
- High input impedance

#### CONNECTION DIAGRAM



PHYSICAL DIMENSIONS (TBA641B11)



PHYSICAL DIMENSIONS (TBA641BX1)

MANUFACTURER'S CURRENT LIST PRICES ARE ALWAYS CHARGED