DESCRIPTION

The 5606 is a heater-cathode type, medium mu, double triode amplifier tube. Its principal application is in AC plate voltage operated amplifiers, and in circuits having critical grid leakage requirements.

MECHANICAL DATA

ENVELOPE: ST-14 Glass
BASE: Medium 7-Pin
TERMINAL CONNECTIONS: (JEDEC Designation 73):
- Pin 1: Heater
- Pin 2: Plate, Unit #2
- Pin 3: Grid, Unit #2
- Pin 4: Cathode
- Pin 5: Grid, Unit #1
- Pin 6: Plate, Unit #1
- Pin 7: Heater
MOUNTING POSITION: Any

ELECTRICAL DATA

DESIGN CENTER MAXIMUM RATINGS: (Values are for each triode unit)
- Heater Voltage (ac or dc): 2.5 volts
- Plate Voltage: 350 volts
- Plate Dissipation: 5.5 watts
- DC Plate Current: 30 ma.
- DC Grid Current: 5.0 ma.
- DC Heater-Cathode Voltage: 90 volts

CHARACTERISTICS AND TYPICAL OPERATION: (Values are for each triode unit)
- Heater Voltage: 2.5 volts
- Heater Current: 2 amp.
- Plate Voltage: 250 volts
- Grid Voltage: 250 volts
- Amplification Factor: 32.5
- Plate Resistance: 14,300 ohms
- Transconductance: 2200 mhos
- Plate Current: 6.0 ma.
- Maximum Negative Grid Current: 0.25 ma.