



DOUBLE TRIODE

DESCRIPTION

The 5608 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

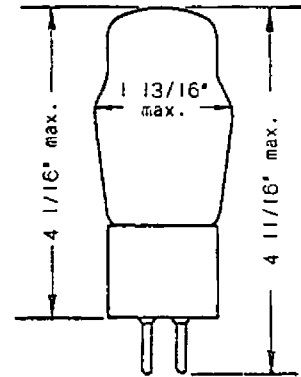
ENVELOPE: ST-14 Glass

BASE: Medium 7-Pin

TERMINAL CONNECTIONS: (JETEC Designation 79)

- 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



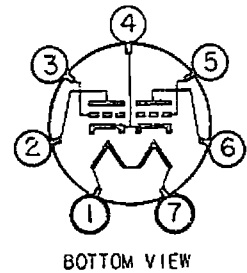
ELECTRICAL DATA

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	2.5	volts
Heater Current	2	2	amp.
Plate Voltage	250	300	volts
Grid Voltage	-5	-6	volts
Amplification Factor	31.5	32	
Plate Resistance	14,300	13,000	ohms
Transconductance	2200	2450	μmhos
Plate Current	5.0	6.0	ma.
Maximum Negative Grid Current	0.25	0.25	μa.



Tentative Data
April 15, 1948

CS-2465



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