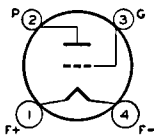


POWER TRIODE



Coated-filament type used as af power amplifier and modulator and as rf power amplifier and oscillator. May be used with full input up to 6 Mc. For operation at 15 Mc, plate voltage

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and plate input should be reduced to 75 per cent of maximum ratings; at 30 Mc, to 50 per cent. Class C Telegraphy maximum CCS plate dissipation, 10 watts. Requires Small four-contact socket and may be mounted in vertical position with base up or down, or in horizontal position with pins 1 and 4 in vertical plane. **OUTLINE 24, Outlines Section.** Plate shows no color when tube is operated at maximum CCS ratings.

FILAMENT VOLTAGE (AC/DC).....	4.5	volts
FILAMENT CURRENT.....	1.1	amperes
AMPLIFICATION FACTOR*.....	8.5	
TRANSCONDUCTANCE.....	1330	μ mhos
DIRECT INTERELECTRODE CAPACITANCES:		
Grid to plate.....	6.7	μ f
Grid to filament.....	2.3	μ f
Plate to filament.....	2.2	μ f

* Plate volts, 350; grid volts, -20; plate milliamperes, 19.

AF POWER AMPLIFIER AND MODULATOR—Class A

Maximum CCS Ratings:

DC PLATE VOLTAGE.....	350 max	volts
PLATE DISSIPATION.....	7.5 max	watts

RF POWER AMPLIFIER AND OSCILLATOR—Class C Telegraphy# and

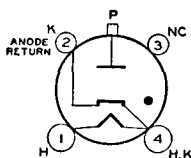
RF POWER AMPLIFIER—Class C FM Telephony

Maximum CCS Ratings:

DC PLATE VOLTAGE.....	350 max	volts.
DC GRID VOLTAGE.....	-150 max	volts
DC PLATE CURRENT.....	40 max	ma
DC GRID CURRENT (Approx.).....	10 max	ma
PLATE INPUT.....	14 max	watts
PLATE DISSIPATION.....	10 max	watts

Key-down conditions per tube without amplitude modulation. Amplitude modulation essentially negative may be used if the positive peak of the audio-frequency envelope does not exceed 115 per cent of the carrier conditions.

HALF-WAVE MERCURY- VAPOR RECTIFIER



Heater-cathode type used in power supply of transmitting and industrial equipment. Maximum peak inverse anode volts, 5,000; maximum average anode amperes, 2.5. Requires

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Small four-contact socket and may be mounted in vertical position only, base down, **OUTLINE 46, Outlines Section.**

HEATER VOLTAGE*.....	5.0	volts
HEATER CURRENT.....	4.5	amperes
PEAK TUBE VOLTAGE DROP (Approx.).....	15	volts

• Heater voltage must be applied at least 5 minutes before application of anode voltage.