

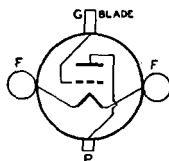
tube is operated at maximum CCS ratings. The 203-A is a DISCONTINUED type listed for reference only. As a replacement, the 8005 is a similar type although not directly interchangeable because of either electrical and/or mechanical differences.

POWER TRIODE

204-A

Thoriated-tungsten-filament type used as af power amplifier and modulator and as rf power amplifier and oscillator. May be used with full input up to 3 Mc and with reduced input up to 30 Mc. Requires special end-mounting and may be mounted in vertical position with filament end up, or in horizontal position with plane of plate in vertical plane. Maximum overall length, 14 $\frac{3}{4}$ inches; maximum diameter,

4-1/16 inches. Filament volts (ac/dc), 11; amperes, 3.85. Direct interelectrode capacitances: grid to plate, 15 μ f; grid to filament, 12.5 μ f; plate to filament, 2.3 μ f. Maximum CCS ratings as RF POWER AMPLIFIER AND OSCILLATOR, CLASS C TELEGRAPHY: dc plate volts, 2500 max; dc grid volts, -500 max; dc plate milliamperes, 275 max; dc grid milliamperes, 80 max; rf grid amperes, 10 max; plate input, 690 max watts; plate dissipation, 250 max watts. Plate shows a barely perceptible red color when tube is operated at maximum CCS ratings. The 204-A is a DISCONTINUED type listed for reference only.

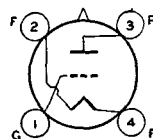


POWER TRIODE

211

Thoriated-tungsten-filament type used as af power amplifier and modulator and as rf power amplifier and oscillator. May be used with full input up to 15 Mc and with reduced input up to 80 Mc. Requires Jumbo four-contact socket and may be mounted in vertical position, base down, or in horizontal position with pins 1 and 3 in vertical plane. OUTLINE 49, Outlines Section. Plate shows a barely perceptible red

color when tube is operated at maximum CCS ratings. The 211 is used principally for renewal purposes.



FILAMENT VOLTAGE (AC/DC).....	10	volts
FILAMENT CURRENT.....	3.25	amperes
AMPLIFICATION FACTOR.....	12	
DIRECT INTERELECTRODE CAPACITANCES:		
Grid to plate.....	14	μ f
Grid to filament.....	5.4	μ f
Plate to filament.....	4.8	μ f

Maximum CCS Ratings:

	Class B Modulator	Class C Telegraphy#	
DC PLATE VOLTAGE.....	1250 max	1250 max	volts
DC GRID VOLTAGE.....	—	-400 max	volts
DC PLATE CURRENT.....	175 $\blacksquare$ max	175 max	ma
DC GRID CURRENT.....	—	50 max	ma
PLATE INPUT.....	220 $\blacksquare$ max	220 max	watts
PLATE DISSIPATION.....	100 $\blacksquare$ max	100 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.

• For maximum-signal conditions.

■ Averaged over any audio-frequency cycle of sine-wave form.

HALF-WAVE VACUUM RECTIFIER

217-C

Thoriated-tungsten-filament type used in power supply of transmitting and industrial equipment. Requires Jumbo four-contact socket and may be mounted in vertical position, base down, or in horizontal position with pins 1 and 3 in vertical plane. OUTLINE 51, Outlines Section. Filament volts (ac), 10; amperes, 3.25.

Maximum ratings: peak inverse plate volts, 7500 max; peak plate amperes, 0.6 max; average plate amperes, 0.15 max. The 217-C is used principally for renewal purposes.

