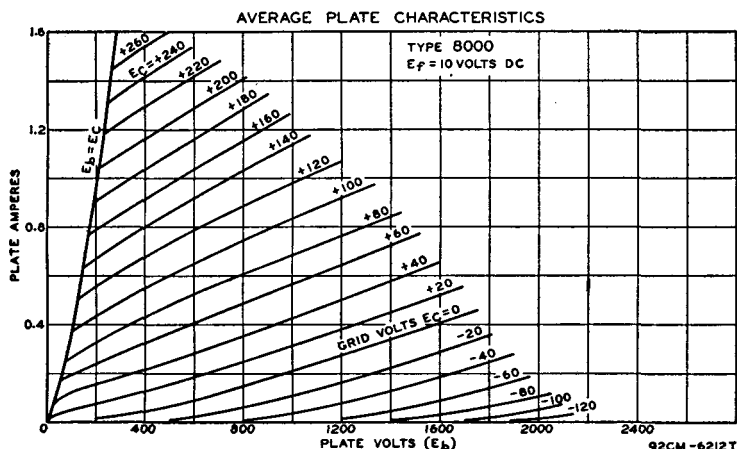


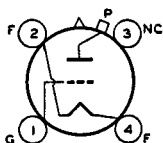


BEAM POWER TUBE

See type 4E27/8001.

8001

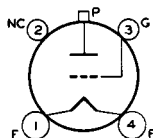
POWER TRIODE



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 30 Mc and with reduced input up to 50 Mc. Requires Jumbo four-contact socket and may be mounted in vertical position with base down, or in horizontal position with pins 1 and 3 in vertical plane. OUTLINE 50, *Outlines* Section. For operation at 50 Mc,

8003

plate voltage and plate input should be reduced to 83 per cent of maximum ratings. Filament volts (ac/dc), 10; amperes, 3.25. Direct interelectrode capacitances: grid to plate, 11.7 μf ; grid to filament, 5.8 μf ; plate to filament, 3.4 μf . Maximum CCS ratings as AF POWER AMPLIFIER AND MODULATOR: dc plate volts, 1350 max; maximum-signal dc plate milliamperes, 250 max; maximum-signal plate input, 330 max watts; plate dissipation, 100 max watts. Maximum CCS ratings as RF POWER AMPLIFIER AND OSCILLATOR: dc plate volts, 1350 max; dc grid volts, -400 max; dc plate milliamperes, 250 max; dc grid milliamperes, 50 max; plate input, 330 max watts; plate dissipation, 100 max watts. Plate shows no color when tube is operated at maximum CCS ratings. The 8003 is used principally for renewal purposes.



POWER TRIODE

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 60 Mc and with reduced input

8005

up to 100 Mc. Class C Telegraphy maximum plate dissipation, CCS 75 watts, ICAS 85 watts.

FILAMENT VOLTAGE (AC/DC)	10	volts
FILAMENT CURRENT	3.25	amperes
AMPLIFICATION FACTOR*	20	
DIRECT INTERELECTRODE CAPACITANCES:		
Grid to plate	5.0	μf
Grid to filament	6.4	μf
Plate to filament	1.0	μf

*Grid volts, 50; plate amperes, 0.5.