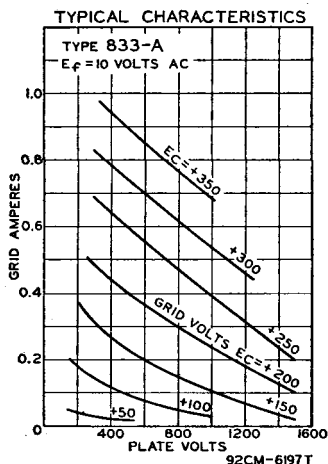


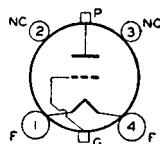
Plate shows an orange-red color when tube is operated at maximum CCS or ICAS ratings.



POWER TRIODE

834

Thoriated-tungsten-filament type used as rf power amplifier and oscillator. May be used with full input up to 100 Mc. For operation at 170 Mc, plate voltage and plate input should



be reduced to 80 per cent of maximum ratings; at 350 Mc, to 53 per cent. Class C Telegraphy maximum CCS plate dissipation, 50 watts. Requires Small four-contact socket and may be mounted in vertical position only, base up or down. **OUTLINE 44**, *Outlines* Section. Plate shows an orange-red color when tube is operated at maximum CCS ratings.

FILAMENT VOLTAGE (AC/DC)	7.5	volts
FILAMENT CURRENT	3.1	amperes
AMPLIFICATION FACTOR	10.5	
DIRECT INTERELECTRODE CAPACITANCES:		
Grid to plate	2.4	μf
Grid to filament	2.2	μf
Plate to filament	0.6	μf

RF POWER AMPLIFIER AND OSCILLATOR—Class C Telegraphy# and

RF POWER AMPLIFIER—Class C FM Telephony

Maximum CCS Ratings:

DC PLATE VOLTAGE	1250 max	volts
DC GRID VOLTAGE	-400 max	volts
DC PLATE CURRENT	100 max	ma
DC GRID CURRENT	20 max	ma
PLATE INPUT	125 max	watts
PLATE DISSIPATION	50 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.