

Maximum CCS Ratings:

DC PLATE VOLTAGE	425	max
DC GRID VOLTAGE	—	
DC PLATE CURRENT	60	max
DC GRID CURRENT	—	
PLATE INPUT	25	max
PLATE DISSIPATION	15	max

Class B Modulator

Class C Telegraphy#

425	max	450	max	volts
—		-200	max	volts
60	max	60	max	ma
—		20	max	ma
25	max	27	max	watts
15	max	15	max	watts

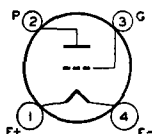
Key-down conditions per tube without amplitude modulation. Amplitude modulation essentially negative may be used if the positive peak of the audio-frequency envelope does not exceed 115 per cent of the carrier conditions.

• For maximum-signal conditions.

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

POWER TRIODE

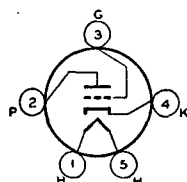
842



μf. Maximum CCS ratings as CLASS A AF POWER AMPLIFIER AND MODULATOR: dc plate volts, 425 max; plate dissipation, 12 max watts. Plate shows no color when tube is operated at maximum CCS ratings. The 842 is used principally for renewal purposes.

POWER TRIODE

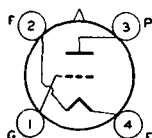
843



2.5 μf. Maximum CCS ratings as RF POWER AMPLIFIER AND OSCILLATOR: dc plate volts, 450 max; dc grid volts, -200 max; dc plate milliamperes, 40 max; dc grid milliamperes, 7.5 max; plate input, 18 max watts; plate dissipation, 15 max watts, peak heater-cathode volts, ± 45 max. Plate shows no color when tube is operated at maximum CCS ratings. The 843 is a DISCONTINUED type listed for reference only.

POWER TRIODE

845



Thoriated-tungsten-filament type used as af power amplifier and modulator. Class AB₁ maximum CCS plate dissipation, 100 watts. 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 49, *Outlines* Section. Plate shows no color when tube is operated at maximum CCS ratings.

FILAMENT VOLTAGE (AC/DC)	10	volts
FILAMENT CURRENT	3.25	amperes
AMPLIFICATION FACTOR	5.3	
DIRECT INTERELECTRODE CAPACITANCES:		
Grid to plate	12.1	μf
Grid to filament	5.0	μf
Plate to filament	5.0	μf

AF POWER AMPLIFIER AND MODULATOR—Class AB₁

Maximum CCS Ratings:

DC PLATE VOLTAGE	1250	max	volts
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