



835

R-F POWER AMPLIFIER, A-F POWER AMPLIFIER, MODULATOR

835
836
837

| | | |
|-------------------------------------|--------------------|------------------|
| Filament | Thoriated Tungsten | |
| Voltage | 10 | a-c or d-c volts |
| Current | 3.25 | amp. |
| Amplification Factor | 12 | |
| Direct Interelectrode Capacitances: | | |
| Grid to Plate | 9.25 | μf |
| Grid to Filament | 6 | μf |
| Plate to Filament | 5 | μf |
| Maximum Overall Length | | 7-7/8" |
| Maximum Diameter | | 2-5/16" |
| Bulb | | T-18 |
| Base | | Jumbo 4-Pin |
| RCA Socket (Type UT-541-A) | | Stock No. 9936 ← |

For additional data, see Type 211. The 211 and the 835 are identical except for interelectrode capacitances.

Data on operating frequencies for the 835 are given on the sheet TRANS. TUBE RATINGS vs FREQUENCY.

836

HALF-WAVE HIGH-VACUUM RECTIFIER

| | | |
|----------------------------|-------------------------------|-----------------------|
| Heater | Coated Unipotential Cathodes* | |
| Voltage | 2.5 | a-c volts |
| Current | 5.0 | amp. |
| Maximum Overall Length | | 6-9/16" |
| Maximum Diameter | | 2-7/16" |
| Bulb | | ST-19 |
| Cap | | Medium |
| Base | | Medium 4-Pin, Bayonet |
| RCA Socket (Type UR-542-A) | | Stock No. 9937 ← |

Maximum Ratings Are Absolute Values

MAXIMUM RATINGS

| | |
|----------------------------|-----------------|
| Peak Inverse Plate Voltage | 5000 max. volts |
| Peak Plate Current | 1.0 max. amp. |
| Average Plate Current | 0.25 max. amp. |

* The cathodes should be allowed to come up to operating temperature before plate current is drawn from the tube. For average conditions the delay is approximately 40 seconds.

The 836 has two separate cathodes each of which is connected to its respective heater. Plate circuit return should be made to the center-tap of the heater transformer. ←

← Indicates a change.

Dec. 1, 1942

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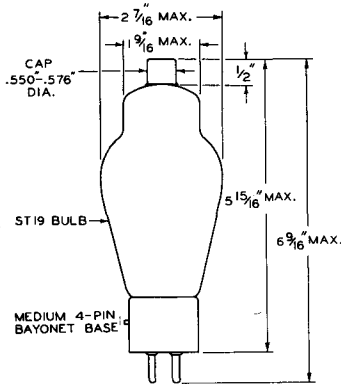
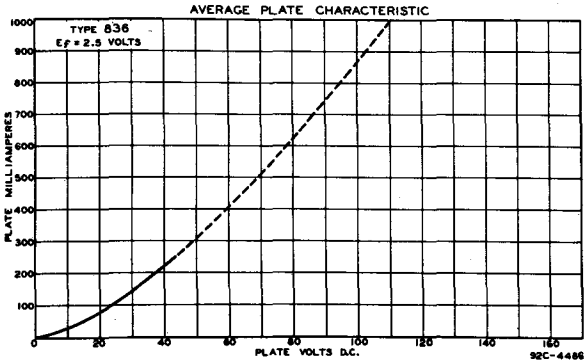
DATA

836



836

HALF-WAVE HIGH-VACUUM RECTIFIER

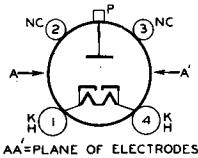


TUBE MOUNTING POSITION
Any

92C-4479R4

- Pin 1 - Heater & Cathode
- Pin 2 - No Connection
- Pin 3 - No Connection
- Pin 4 - Heater & Cathode
- Cap - Plate

BOTTOM VIEW OF SOCKET CONNECTIONS



← Indicates a change.

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DATA