

ELECTRONIC TUBE REFERENCE

5713

Power - Triode (over 1000V 100W) electronic tube

CONSOLIDATED TECHNICAL DATA

1 SECTION

CONSTRUCTION

TRIODE

Forced-air-cooled transmitting triode for grid- or cathode-driven RF amplifier and oscillator service through about 220 MHz. Its 250 W plate dissipation and VHF capability suit compact professional communications transmitters.

GENERAL CHARACTERISTICS

|                     |                   |                      |               |
|---------------------|-------------------|----------------------|---------------|
| BASE DESIGNATION    | —                 | BASE PINS            | —             |
| NOMINAL HEATER      | 3.3 V / 11.5 A    | PARALLEL HEATER      | — / —         |
| HEATING             | Indirect          | SERIES OPERATION     | Not specified |
| CATHODE ARRANGEMENT | Separate cathodes | SECTION CONSTRUCTION | Similar       |

SECTION RATINGS

|                                                                              |        |
|------------------------------------------------------------------------------|--------|
| SECTION1 Triode                                                              |        |
| AMPLIFICATION FACTOR                                                         | 25     |
| MAXIMUM PLATE VOLTAGE                                                        | 1500 V |
| MAXIMUM PLATE DISSIPATION                                                    | 250 W  |
| Published ratings and characteristics promoted from the supplied RCA source. |        |

Forced-air-cooled power triode for grid- or cathode-drive RF power-amplifier and oscillator service through 220 MHz.

## SOURCE OPERATING CONDITIONS

[SOURCE PDF](#)

# 1956 RCA Transmitting Tubes

Published test conditions and operating points. Values on this page are preserved as reported by this source.

## 1956 RCA TRANSMITTING TUBES

## Section 1 · Triode

| CHARACTERISTIC          |                 |                  |
|-------------------------|-----------------|------------------|
| PARAMETER               | PUBLISHED VALUE | CONDITION / NOTE |
| HeaterOrFilamentVoltage | 3.3 V           | —                |
| HeaterOrFilamentCurrent | 11.5 A          | —                |

| OTHER                     |                 |                  |
|---------------------------|-----------------|------------------|
| PARAMETER                 | PUBLISHED VALUE | CONDITION / NOTE |
| MaximumOperatingFrequency | 220 MHz         | —                |