

ELECTRONIC TUBE REFERENCE

7255

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

CONSOLIDATED TECHNICAL DATA

1 SECTION  
CONSTRUCTION  
TRIODE

Water-cooled high-perveance power triode for RF power amplification and oscillator service.

GENERAL CHARACTERISTICS

|                     |                   |                      |               |
|---------------------|-------------------|----------------------|---------------|
| BASE DESIGNATION    | —                 | BASE PINS            | —             |
| NOMINAL HEATER      | 6 V / 60 A        | PARALLEL HEATER      | — / —         |
| HEATING             | Direct            | SERIES OPERATION     | Not specified |
| CATHODE ARRANGEMENT | Separate cathodes | SECTION CONSTRUCTION | Similar       |

SECTION RATINGS

|                                                                                       |        |
|---------------------------------------------------------------------------------------|--------|
| SECTION1 Triode                                                                       |        |
| AMPLIFICATION FACTOR                                                                  | 22     |
| MAXIMUM PLATE VOLTAGE                                                                 | 9200 V |
| MAXIMUM PLATE DISSIPATION                                                             | 9000 W |
| MAXIMUM CATHODE CURRENT                                                               | 2 A    |
| Published ratings and characteristics promoted from the approved Westinghouse source. |        |

Water-cooled high-perveance power triode for RF power amplification and oscillator service.



## SOURCE OPERATING CONDITIONS

[SOURCE PDF](#)

# 1947 Westinghouse

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

## 1947 WESTINGHOUSE

## Section 1 · Triode

## OTHER

| PARAMETER     | PUBLISHED VALUE | CONDITION / NOTE |
|---------------|-----------------|------------------|
| RFPowerOutput | 13600 W         | Plate 9000 V     |

## APPLICATION

| PARAMETER   | PUBLISHED VALUE                  | CONDITION / NOTE |
|-------------|----------------------------------|------------------|
| Application | RFPowerAmplifier_Oscillator text | —                |

## TUBE TINKER

An independent reference for electronic tubes, vacuum tubes,  
and their source documents.

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