



## ELECTRONIC TUBE REFERENCE

## 866JR

Rectifier - Half Wave electronic tube

CONSOLIDATED TECHNICAL DATA

## 1 SECTION

CONSTRUCTION

## RECTIFIER

Directly heated hot-cathode mercury-vapor half-wave rectifier for high-voltage power supplies. Its gas-assisted conduction suits transmitter, industrial, and other substantial electronic supplies.

## GENERAL CHARACTERISTICS

|                     |                   |                      |               |
|---------------------|-------------------|----------------------|---------------|
| BASE DESIGNATION    | —                 | BASE PINS            | 4             |
| NOMINAL HEATER      | 2.5 V / 3 A       | PARALLEL HEATER      | — / —         |
| HEATING             | Direct            | SERIES OPERATION     | Not specified |
| CATHODE ARRANGEMENT | Separate cathodes | SECTION CONSTRUCTION | Similar       |

## SECTION RATINGS

## SECTION 1 Rectifier

*No fixed ratings recorded.*

*Promoted values are from the printed Taylor ratings/characteristics on the approved one-page source; values not published in that source remain unpromoted.*

is a half-wave, mercury-vapor rectifier tube of the hot-cathode type.



## SOURCE OPERATING CONDITIONS

[SOURCE PDF](#)

# 1940 Taylor Tubes

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

## 1940 TAYLOR TUBES

## Section 1 · Rectifier

| OTHER                       |                 |                           |
|-----------------------------|-----------------|---------------------------|
| PARAMETER                   | PUBLISHED VALUE | CONDITION / NOTE          |
| Maximum RMS AC voltage      | 1250 V          | —                         |
| Maximum DC current per pair | 250 mA          | ChokeInputFilter TwoTubes |



## SOURCE OPERATING CONDITIONS

# 1944 Hytron

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

## 1944 HYTRON

## Section 1 · Rectifier

| CHARACTERISTICS            |                 |                         |
|----------------------------|-----------------|-------------------------|
| PARAMETER                  | PUBLISHED VALUE | CONDITION / NOTE        |
| Heater or filament voltage | 2.5 V           | Published nominal value |
| Heater or filament current | 3 A             | Published nominal value |

## TUBE TINKER

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

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