

ELECTRONIC TUBE REFERENCE

# CV8295

Power - Tetrode (NOT beam) (over 1000V 100W) electronic tube

CONSOLIDATED TECHNICAL DATA

1 SECTION  
CONSTRUCTION  
TETRODE

Forced-air-cooled coaxial metal-ceramic RF power tetrode for high-power amplifier service. The CV designation is explicitly documented as a service/equivalent type.

## GENERAL CHARACTERISTICS

|                     |                   |                      |               |
|---------------------|-------------------|----------------------|---------------|
| BASE DESIGNATION    | —                 | BASE PINS            | —             |
| NOMINAL HEATER      | 7.5 V / 75 A      | PARALLEL HEATER      | — / —         |
| HEATING             | Direct            | SERIES OPERATION     | Not specified |
| CATHODE ARRANGEMENT | Separate cathodes | SECTION CONSTRUCTION | Similar       |

## SECTION RATINGS

|                           |        |
|---------------------------|--------|
| SECTION1 Tetrode          |        |
| MAXIMUM PLATE VOLTAGE     | 7500 V |
| MAXIMUM PLATE DISSIPATION | 5000 W |

Forced-air-cooled coaxial metal-ceramic RF power tetrode for high-power amplifier service. Explicit equivalent/service designation printed in approved source.



## SOURCE OPERATING CONDITIONS

# 1971 English Electric Valve

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

## 1971 ENGLISH ELECTRIC VALVE

## Section 1 · Tetrode

| OTHER                            |                 |                  |
|----------------------------------|-----------------|------------------|
| PARAMETER                        | PUBLISHED VALUE | CONDITION / NOTE |
| Filament voltage                 | 7.5 V           | —                |
| Filament current                 | 75 A            | —                |
| Frequency for full ratings       | 30 MHz          | —                |
| Output power, class C telegraphy | 16 kW           | —                |
| Frequency at reduced ratings     | 110 MHz         | —                |

## TUBE TINKER

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

[Catalog](#) [Tube types](#) [Full books](#) [Blog](#) [Feedback & corrections](#)

© 2026 Tube Tinker