



## ELECTRONIC TUBE REFERENCE

## E2D

Voltage Pentode electronic tube

CONSOLIDATED TECHNICAL DATA

## 1 SECTION

CONSTRUCTION

## PENTODE

RFT pentode documented with nominal values, operating characteristics, and maximum ratings. The available source establishes pentode operation but does not clearly identify a specialized functional or cutoff family.

## GENERAL CHARACTERISTICS

|                     |                   |                      |               |
|---------------------|-------------------|----------------------|---------------|
| BASE DESIGNATION    | —                 | BASE PINS            | —             |
| NOMINAL HEATER      | 4 V / 1.5 A       | PARALLEL HEATER      | — / —         |
| HEATING             | Indirect          | SERIES OPERATION     | Not specified |
| CATHODE ARRANGEMENT | Separate cathodes | SECTION CONSTRUCTION | Similar       |

## SECTION RATINGS

|                                                                                                                                  |                |
|----------------------------------------------------------------------------------------------------------------------------------|----------------|
| SECTION 1 Pentode                                                                                                                |                |
| PLATE RESISTANCE                                                                                                                 | 60000 $\Omega$ |
| TRANSCONDUCTANCE                                                                                                                 | 0.009 S        |
| MAXIMUM PLATE VOLTAGE                                                                                                            | 275 V          |
| MAXIMUM SCREEN VOLTAGE                                                                                                           | 275 V          |
| MAXIMUM PLATE DISSIPATION                                                                                                        | 10 W           |
| MAXIMUM SCREEN DISSIPATION                                                                                                       | 1.5 W          |
| <i>Published ratings/characteristics promoted where clearly stated; repeated identical sections compressed where applicable.</i> |                |

Pentode vacuum tube for the applications described in the supplied manufacturer datasheet.

## SOURCE OPERATING CONDITIONS

[SOURCE PDF](#)

# 1953 RFT Rundfunk Technik

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

## 1953 RFT RUNDFUNK TECHNIK

## Section 1 · Pentode

| CHARACTERISTICS  |                 |                                    |
|------------------|-----------------|------------------------------------|
| PARAMETER        | PUBLISHED VALUE | CONDITION / NOTE                   |
| Heater voltage   | 4 V             | Published nominal value            |
| Heater current   | 1.5 A           | Published nominal value            |
| Transconductance | 9000 $\mu$ S    | Published operating characteristic |

| OTHER                     |                 |                          |
|---------------------------|-----------------|--------------------------|
| PARAMETER                 | PUBLISHED VALUE | CONDITION / NOTE         |
| Maximum plate dissipation | 10 W            | Published maximum rating |