

Subminiature high-frequency pentode electrically similar to type 1AD4. Its compact construction supports fixed-gain RF signal amplification in miniature electronic equipment.

GENERAL CHARACTERISTICS

|                     |                   |                      |               |
|---------------------|-------------------|----------------------|---------------|
| BASE DESIGNATION    | —                 | BASE PINS            | 8             |
| NOMINAL HEATER      | 1.25 V / 100 mA   | PARALLEL HEATER      | — / —         |
| HEATING             | Direct            | SERIES OPERATION     | Not specified |
| CATHODE ARRANGEMENT | Separate cathodes | SECTION CONSTRUCTION | Similar       |

SECTION RATINGS

|                                                                                 |          |
|---------------------------------------------------------------------------------|----------|
| SECTION1 Pentode                                                                |          |
| PLATE RESISTANCE                                                                | 350000 Ω |
| TRANSCONDUCTANCE                                                                | 0.0023 S |
| MAXIMUM PLATE VOLTAGE                                                           | 110 V    |
| MAXIMUM SCREEN VOLTAGE                                                          | 110 V    |
| MAXIMUM PLATE DISSIPATION                                                       | 0.5 W    |
| MAXIMUM SCREEN DISSIPATION                                                      | 0.2 W    |
| Published ratings and characteristics promoted from the printed technical data. |          |

Subminiature high-frequency pentode, electrically similar to 1AD4.

## 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

| OTHER                      |                 |                  |
|----------------------------|-----------------|------------------|
| PARAMETER                  | PUBLISHED VALUE | CONDITION / NOTE |
| HeaterVoltageNominal       | 1.25 V          | Nominal          |
| HeaterCurrentNominal       | 100 mA          | Nominal          |
| Maximum Plate Voltage      | 110 V           | —                |
| Maximum Screen Voltage     | 110 V           | —                |
| Maximum Plate Dissipation  | 0.5 W           | —                |
| Maximum Screen Dissipation | 0.2 W           | —                |

| CHARACTERISTIC   |                 |                  |
|------------------|-----------------|------------------|
| PARAMETER        | PUBLISHED VALUE | CONDITION / NOTE |
| Transconductance | 2300 $\mu$ S    | Typical          |
| Plate Resistance | 350000 ohm      | Typical          |