

ELECTRONIC TUBE REFERENCE

6ALS

Diode (NOT rectifier) electronic tube

CONSOLIDATED TECHNICAL DATA

2 SECTIONS

CONSTRUCTION

DIODE-DIODE

Low-resistance EAA91-family twin diode intended particularly for FM ratio detectors and related balanced detector or discriminator circuits.

GENERAL CHARACTERISTICS

|                     |                   |                      |               |
|---------------------|-------------------|----------------------|---------------|
| BASE DESIGNATION    | —                 | BASE PINS            | —             |
| NOMINAL HEATER      | 6.3 V / 300 mA    | PARALLEL HEATER      | — / —         |
| HEATING             | Indirect          | SERIES OPERATION     | Not specified |
| CATHODE ARRANGEMENT | Separate cathodes | SECTION CONSTRUCTION | Similar       |

SECTION RATINGS

|                                                             |       |
|-------------------------------------------------------------|-------|
| SECTION1 Diode                                              |       |
| PEAK INVERSE VOLTAGE                                        | 420 V |
| NOMINAL OUTPUT CURRENT                                      | 9 mA  |
| PEAK FORWARD CURRENT                                        | 54 mA |
| Representative section row for identical repeated sections. |       |

|                                                                                   |  |
|-----------------------------------------------------------------------------------|--|
| SECTION2 Diode                                                                    |  |
| No fixed ratings recorded.                                                        |  |
| Second physical diode section added in approved section-structure reconciliation. |  |

Low-resistance dual diode for FM ratio detectors and related detector circuits.

## SOURCE OPERATING CONDITIONS

# 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 · Diode

| OTHER                        |                 |                  |
|------------------------------|-----------------|------------------|
| PARAMETER                    | PUBLISHED VALUE | CONDITION / NOTE |
| HeaterVoltageNominal         | 6.3 V           | Nominal          |
| HeaterCurrentNominal         | 300 mA          | Nominal          |
| Maximum Peak Inverse Voltage | 420 V           | —                |
| Rectified Output Current     | 9 mA            | —                |
| PeakForwardCurrent           | 54 mA           | —                |