



## ELECTRONIC TUBE REFERENCE

## RENS1224

Voltage - Radio Detector Converter electronic tube

CONSOLIDATED TECHNICAL DATA

1 SECTION

CONSTRUCTION

HEXODE

Telefunken mixer hexode for superheterodyne frequency-changing service. Its multi-grid structure allows the incoming RF signal and a separate oscillator signal to interact, producing the receiver intermediate-frequency output.

## GENERAL CHARACTERISTICS

|                     |                   |                      |               |
|---------------------|-------------------|----------------------|---------------|
| BASE DESIGNATION    | —                 | BASE PINS            | —             |
| NOMINAL HEATER      | 4 V / 1 A         | PARALLEL HEATER      | — / —         |
| HEATING             | Indirect          | SERIES OPERATION     | Not specified |
| CATHODE ARRANGEMENT | Separate cathodes | SECTION CONSTRUCTION | Similar       |

## SECTION RATINGS

|                                                                                                                                           |       |
|-------------------------------------------------------------------------------------------------------------------------------------------|-------|
| SECTION1 Hexode                                                                                                                           |       |
| MAXIMUM PLATE VOLTAGE                                                                                                                     | 250 V |
| MAXIMUM SCREEN VOLTAGE                                                                                                                    | 100 V |
| <i>Published historical Telefunken data promoted where legible; surrounding handbook text used only for the filename-designated tube.</i> |       |

Mixer hexode for superheterodyne frequency-changing service.



## SOURCE OPERATING CONDITIONS

[SOURCE PDF](#)

# 1959 Telefunken

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

1959 TELEFUNKEN

## Section 1 · Hexode

| APPLICATION |                           |                  |
|-------------|---------------------------|------------------|
| PARAMETER   | PUBLISHED VALUE           | CONDITION / NOTE |
| Application | Mixer / frequency changer | —                |

### TUBE TINKER

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and their source documents.

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