



## ELECTRONIC TUBE REFERENCE

## EC8010

Power - Triode Single (under 10W) electronic tube

CONSOLIDATED TECHNICAL DATA

1 SECTION

CONSTRUCTION

TRIODE

Power-capable triode intended for amplifier or driver service. Manufacturer data support moderate-current operation and useful dissipation, but do not justify assignment to the large transmitting or specialized regulator families.

## GENERAL CHARACTERISTICS

|                     |                   |                      |               |
|---------------------|-------------------|----------------------|---------------|
| BASE DESIGNATION    | —                 | BASE PINS            | 9             |
| NOMINAL HEATER      | 6.3 V / 650 mA    | PARALLEL HEATER      | — / —         |
| HEATING             | Indirect          | SERIES OPERATION     | Not specified |
| CATHODE ARRANGEMENT | Separate cathodes | SECTION CONSTRUCTION | Similar       |

## SECTION RATINGS

|                                                                                     |         |
|-------------------------------------------------------------------------------------|---------|
| SECTION 1 Triode                                                                    |         |
| TRANSCONDUCTANCE                                                                    | 0.028 S |
| AMPLIFICATION FACTOR                                                                | 60      |
| MAXIMUM PLATE VOLTAGE                                                               | 400 V   |
| MAXIMUM PLATE DISSIPATION                                                           | 7 W     |
| Published Telefunken ratings and characteristics promoted from the supplied source. |         |

Special-quality UHF power triode for grounded-grid amplifiers and oscillators to about 1000 MHz; equivalent to 8556.



## 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 · Triode

| CHARACTERISTIC            |                 |                  |
|---------------------------|-----------------|------------------|
| PARAMETER                 | PUBLISHED VALUE | CONDITION / NOTE |
| Heater Voltage            | 6.3 V           | —                |
| Heater Current            | 650 mA          | —                |
| MaximumOperatingFrequency | 1000 MHz        | GroundedGrid     |



## SOURCE OPERATING CONDITIONS

[SOURCE PDF](#)

# 1999 Philips E-Z

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

1999 PHILIPS E-Z

## Section 1 · Triode

| CHARACTERISTIC                  |                 |                  |
|---------------------------------|-----------------|------------------|
| PARAMETER                       | PUBLISHED VALUE | CONDITION / NOTE |
| Anode-grid capacitance          | 0.09 pF         | —                |
| Grid-cathode-heater capacitance | 7.5 pF          | —                |

## TUBE TINKER

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and their source documents.

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