



## ELECTRONIC TUBE REFERENCE

## E435

Voltage - Triode (single high frequency) electronic tube

CONSOLIDATED TECHNICAL DATA

1 SECTION

CONSTRUCTION

TRIODE

Low-anode-grid-capacitance triode designed for high-frequency amplification.

## GENERAL CHARACTERISTICS

|                     |                   |                      |               |
|---------------------|-------------------|----------------------|---------------|
| BASE DESIGNATION    | —                 | BASE PINS            | —             |
| NOMINAL HEATER      | 4 V / 900 mA      | PARALLEL HEATER      | — / —         |
| HEATING             | Indirect          | SERIES OPERATION     | Not specified |
| CATHODE ARRANGEMENT | Separate cathodes | SECTION CONSTRUCTION | Similar       |

## SECTION RATINGS

|                                                                             |                |
|-----------------------------------------------------------------------------|----------------|
| SECTION 1 Triode                                                            |                |
| PLATE RESISTANCE                                                            | 44000 $\Omega$ |
| TRANSCONDUCTANCE                                                            | 0.0008 S       |
| AMPLIFICATION FACTOR                                                        | 35             |
| MAXIMUM PLATE VOLTAGE                                                       | 150 V          |
| Low anode-grid capacitance triode designed for high-frequency amplification |                |

E435 is a low anode-grid capacitance triode designed for high-frequency amplification. The supplied Philips datasheet was read for heater data, construction, ratings, characteristic constants, operating conditions, and capacitances where published.

## 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

| OTHER                |                 |                  |
|----------------------|-----------------|------------------|
| PARAMETER            | PUBLISHED VALUE | CONDITION / NOTE |
| Normal plate current | 1.5 mA          | —                |