



## ELECTRONIC TUBE REFERENCE

8096

Voltage - Triode (single) electronic tube

CONSOLIDATED TECHNICAL DATA

**1 SECTION**  
CONSTRUCTION  
**TRIODE**

Reliable low-noise high-mu subminiature triode for sensitive low-level amplifier service.

## GENERAL CHARACTERISTICS

|                     |                   |                      |               |
|---------------------|-------------------|----------------------|---------------|
| BASE DESIGNATION    | —                 | BASE PINS            | —             |
| NOMINAL HEATER      | 6.3 V / 200 mA    | PARALLEL HEATER      | — / —         |
| HEATING             | Indirect          | SERIES OPERATION     | Not specified |
| CATHODE ARRANGEMENT | Separate cathodes | SECTION CONSTRUCTION | Similar       |

## SECTION RATINGS

|                                                                                          |           |
|------------------------------------------------------------------------------------------|-----------|
| <b>SECTION 1</b> Triode                                                                  |           |
| TRANSCONDUCTANCE                                                                         | 0.00175 S |
| AMPLIFICATION FACTOR                                                                     | 55        |
| MAXIMUM PLATE VOLTAGE                                                                    | 150 V     |
| MAXIMUM PLATE DISSIPATION                                                                | 0.5 W     |
| MAXIMUM CATHODE CURRENT                                                                  | 2.5 mA    |
| <i>Published ratings and characteristics promoted from the approved Raytheon source.</i> |           |

Reliable low-noise high-mu subminiature triode for low-level amplifier service.

## SOURCE OPERATING CONDITIONS

[SOURCE PDF](#)

# 1938 Raytheon

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

1938 RAYTHEON

## Section 1 · Triode

| APPLICATION |                        |                  |
|-------------|------------------------|------------------|
| PARAMETER   | PUBLISHED VALUE        | CONDITION / NOTE |
| Application | LowNoiseAmplifier text | —                |