



## ELECTRONIC TUBE REFERENCE

## 5702WA

Voltage - Pentode Sharp Cutoff (single) electronic tube

CONSOLIDATED TECHNICAL DATA

1 SECTION

CONSTRUCTION

PENTODE

Sharp-cutoff pentode designed for RF, VHF/UHF, wide-band, or voltage-amplifier service.

## GENERAL CHARACTERISTICS

|                     |                   |                      |               |
|---------------------|-------------------|----------------------|---------------|
| BASE DESIGNATION    | —                 | BASE PINS            | 7             |
| NOMINAL HEATER      | 6.3 V / 200 mA    | PARALLEL HEATER      | — / —         |
| HEATING             | Indirect          | SERIES OPERATION     | Not specified |
| CATHODE ARRANGEMENT | Separate cathodes | SECTION CONSTRUCTION | Similar       |

## SECTION RATINGS

|                                             |                 |
|---------------------------------------------|-----------------|
| SECTION 1 Pentode                           |                 |
| PLATE RESISTANCE                            | 340000 $\Omega$ |
| TRANSCONDUCTANCE                            | 0.005 S         |
| MAXIMUM PLATE VOLTAGE                       | 250 V           |
| MAXIMUM SCREEN VOLTAGE                      | 150 V           |
| MAXIMUM PLATE DISSIPATION                   | 2.5 W           |
| MAXIMUM SCREEN DISSIPATION                  | 0.4 W           |
| MAXIMUM CATHODE CURRENT                     | 16.5 mA         |
| <i>Ruggedized subminiature VHF pentode.</i> |                 |

Ruggedized subminiature sharp-cutoff pentode for VHF service under severe temperature, shock, and vibration.



## SOURCE OPERATING CONDITIONS

[SOURCE PDF](#)

# 1961 Tung Sol

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

1961 TUNG SOL

## Section 1 · Pentode

| OTHER          |                 |                  |
|----------------|-----------------|------------------|
| PARAMETER      | PUBLISHED VALUE | CONDITION / NOTE |
| Heater voltage | 6.3 V           | Nominal          |
| Heater current | 200 mA          | Nominal          |



## SOURCE OPERATING CONDITIONS

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# 1966 Tung Sol Electronic Tubes 3 of 4

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

1966 TUNG SOL ELECTRONIC TUBES 3 OF 4

## Section 1 · Pentode

| OTHER                            |                 |                  |
|----------------------------------|-----------------|------------------|
| PARAMETER                        | PUBLISHED VALUE | CONDITION / NOTE |
| Plate voltage                    | 120 V           | Normal           |
| Grid #2 voltage                  | 120 V           | Normal           |
| Cathode resistance               | 200 ohm         | Normal           |
| Plate current                    | 7.5 mA          | Normal           |
| Grid #2 current                  | 2.6 mA          | Normal           |
| Maximum impact acceleration      | 450 G           | Ruggedized       |
| Maximum uniform acceleration     | 1000 G          | Ruggedized       |
| Maximum vibrational acceleration | 2.5 G           | Ruggedized       |
| Maximum heater-cathode voltage   | 200 V           | —                |

| CHARACTERISTIC   |                 |                  |
|------------------|-----------------|------------------|
| PARAMETER        | PUBLISHED VALUE | CONDITION / NOTE |
| Transconductance | 5000 $\mu$ S    | Normal           |
| Plate resistance | 340000 ohm      | Normal           |

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