



## ELECTRONIC TUBE REFERENCE

# 6065

Voltage - Pentode Remote Cutoff (single) electronic tube

CONSOLIDATED TECHNICAL DATA

**1 SECTION**

CONSTRUCTION

**PENTODE**

Remote- or semi-remote-cutoff pentode designed for RF, IF, variable-mu, or controlled-gain amplifier service.

## GENERAL CHARACTERISTICS

|                     |                   |                      |               |
|---------------------|-------------------|----------------------|---------------|
| BASE DESIGNATION    | 7DB               | BASE PINS            | 7             |
| NOMINAL HEATER      | 6.3 V / 300 mA    | PARALLEL HEATER      | – / –         |
| HEATING             | Indirect          | SERIES OPERATION     | Not specified |
| CATHODE ARRANGEMENT | Separate cathodes | SECTION CONSTRUCTION | Similar       |

## SECTION RATINGS

|                                                           |                  |
|-----------------------------------------------------------|------------------|
| <b>SECTION 1</b> Pentode                                  |                  |
| PLATE RESISTANCE                                          | 1000000 $\Omega$ |
| TRANSCONDUCTANCE                                          | 0.0025 S         |
| MAXIMUM PLATE VOLTAGE                                     | 250 V            |
| MAXIMUM SCREEN VOLTAGE                                    | 250 V            |
| MAXIMUM PLATE DISSIPATION                                 | 2.5 W            |
| MAXIMUM SCREEN DISSIPATION                                | 0.6 W            |
| <i>Published source values promoted where applicable.</i> |                  |

Variable-mu RF pentode; description derived from the supplied registration datasheet.

## SOURCE OPERATING CONDITIONS

[SOURCE PDF](#)

# 195X General Electric Essential Characteristics

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

## 195X GENERAL ELECTRIC ESSENTIAL CHARACTERISTICS

## Section 1 · Pentode

| OTHER                  |                 |                           |
|------------------------|-----------------|---------------------------|
| PARAMETER              | PUBLISHED VALUE | CONDITION / NOTE          |
| Maximum plate voltage  | 250 V           | Published handbook rating |
| Maximum screen voltage | 200 V           | Published handbook rating |
| Plate voltage          | 250 V           | ClassA                    |
| Screen voltage         | 200 V           | ClassA                    |
| Control-grid bias      | 2.5 V           | ClassA                    |
| Plate current          | 8 mA            | ClassA                    |
| Screen current         | 2.1 mA          | ClassA                    |

| CHARACTERISTIC          |                 |                                   |
|-------------------------|-----------------|-----------------------------------|
| PARAMETER               | PUBLISHED VALUE | CONDITION / NOTE                  |
| Plate resistance        | 1000000 ohm     | Published handbook characteristic |
| Transconductance        | 2500 $\mu$ S    | Published handbook characteristic |
| Heater/filament voltage | 6.3 V           | Published heater/filament rating  |
| Heater/filament current | 300 mA          | Published heater/filament rating  |

## TUBE TINKER

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and their source documents.

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