



## ELECTRONIC TUBE REFERENCE

6778

Voltage - Triode (single) electronic tube

CONSOLIDATED TECHNICAL DATA

1 SECTION

CONSTRUCTION

TRIODE

Mullard triode with published ratings and characteristics. Available source material does not establish a narrower functional role confidently.

## GENERAL CHARACTERISTICS

|                     |                   |                      |               |
|---------------------|-------------------|----------------------|---------------|
| BASE DESIGNATION    | —                 | BASE PINS            | —             |
| NOMINAL HEATER      | 6.3 V / 150 mA    | PARALLEL HEATER      | — / —         |
| HEATING             | Indirect          | SERIES OPERATION     | Not specified |
| CATHODE ARRANGEMENT | Separate cathodes | SECTION CONSTRUCTION | Similar       |

## SECTION RATINGS

|                                                                                                         |               |
|---------------------------------------------------------------------------------------------------------|---------------|
| SECTION1 Triode                                                                                         |               |
| PLATE RESISTANCE                                                                                        | 3628 $\Omega$ |
| TRANSCONDUCTANCE                                                                                        | 0.0055 S      |
| MAXIMUM PLATE VOLTAGE                                                                                   | 175 V         |
| MAXIMUM PLATE DISSIPATION                                                                               | 3 W           |
| MAXIMUM CATHODE CURRENT                                                                                 | 22 mA         |
| <i>Substantive ratings/characteristics/operating-condition extraction from supplied Mullard source.</i> |               |

Mullard triode with published ratings and characteristics extracted from the supplied datasheet.



## SOURCE OPERATING CONDITIONS

[SOURCE PDF](#)

# 1963 Mullard

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

1963 MULLARD

## Section 1 · Triode

| CHARACTERISTIC             |                 |                  |
|----------------------------|-----------------|------------------|
| PARAMETER                  | PUBLISHED VALUE | CONDITION / NOTE |
| HeaterOrFilamentVoltage    | 6.3 V           | —                |
| HeaterOrFilamentCurrent    | 150 mA          | —                |
| Plate Voltage              | 100 V           | —                |
| Grid Voltage               | -2 V            | —                |
| Plate Current              | 13 mA           | —                |
| Transconductance           | 5500 $\mu$ S    | —                |
| Plate Resistance           | 3628 ohm        | —                |
| MaximumOscillatorFrequency | 500 MHz         | —                |

## TUBE TINKER

An independent reference for electronic tubes, vacuum tubes,  
and their source documents.

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