



## ELECTRONIC TUBE REFERENCE

## L12

Power - Triode electronic tube

CONSOLIDATED TECHNICAL DATA

## 1 SECTION

CONSTRUCTION

## TRIODE

Midget output triode designed for deaf-aid and headphone amplifiers, providing audio power from low-voltage portable supplies.

## GENERAL CHARACTERISTICS

|                     |                   |                      |               |
|---------------------|-------------------|----------------------|---------------|
| BASE DESIGNATION    | —                 | BASE PINS            | —             |
| NOMINAL HEATER      | — / —             | PARALLEL HEATER      | — / —         |
| HEATING             | Direct            | SERIES OPERATION     | Not specified |
| CATHODE ARRANGEMENT | Separate cathodes | SECTION CONSTRUCTION | Similar       |

## SECTION RATINGS

|                       |      |
|-----------------------|------|
| SECTION 1 Triode      |      |
| AMPLIFICATION FACTOR  | 48   |
| MAXIMUM PLATE VOLTAGE | 40 V |

Midget output triode for deaf-aid and headphone amplifiers.

## SOURCE OPERATING CONDITIONS

# 1955 Marconi

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

## 1955 MARCONI

## Section 1 · Triode

| OTHER                           |                 |                  |
|---------------------------------|-----------------|------------------|
| PARAMETER                       | PUBLISHED VALUE | CONDITION / NOTE |
| Maximum/Published Anode Voltage | 40 V            | —                |
| Typical Anode Voltage           | 45 V            | —                |
| Typical Anode Current           | 2.2 mA          | —                |
| Power Output                    | 12 mW           | —                |

| CHARACTERISTIC       |                 |                  |
|----------------------|-----------------|------------------|
| PARAMETER            | PUBLISHED VALUE | CONDITION / NOTE |
| Amplification Factor | 48              | —                |
| Optimum Load         | 10000 ohm       | —                |

| CAPACITANCE               |                 |                  |
|---------------------------|-----------------|------------------|
| PARAMETER                 | PUBLISHED VALUE | CONDITION / NOTE |
| Grid-Anode Capacitance    | 4 pF            | —                |
| Grid-Cathode Capacitance  | 2 pF            | —                |
| Anode-Cathode Capacitance | 1.6 pF          | —                |

## TUBE TINKER

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

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