ELECTRONIC TUBE REFERENCE

L63

Voltage - Triode (single) electronic tube

CONSOLIDATED TECHNICAL DATA
1 SECTION
CONSTRUCTION
TRIODE

Indirectly heated general-purpose triode designed for conventional Class A voltage amplification.

General characteristics

BASE DESIGNATION	–	**BASE PINS**	8
NOMINAL HEATER	6.3 V / 300 mA	**PARALLEL HEATER**	– / –
HEATING	Indirect	**SERIES OPERATION**	Not specified
CATHODE ARRANGEMENT	Separate cathodes	**SECTION CONSTRUCTION**	Similar

Section ratings

SECTION1 Triode

PLATE RESISTANCE	7700 Ω
TRANSCONDUCTANCE	0.0026 S
AMPLIFICATION FACTOR	20
MAXIMUM PLATE VOLTAGE	250 V
MAXIMUM PLATE DISSIPATION	2.5 W

Promoted values mapped from printed rating/approximate-data tables; additional operating points and capacitances retained as parameters.

Indirectly heated general-purpose triode for Class-A voltage amplification.

SOURCE OPERATING CONDITIONS

1955 Marconi

SOURCE PDF

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
Grid-Cathode Capacitance	**3.7 pF**	—
Anode-Cathode Capacitance	**2.9 pF**	—
Grid-Anode Capacitance	**4.2 pF**	—
Typical Anode Voltage	**250 V**	—
Typical Grid Bias	**-1.9 V**	—
Voltage Gain	**16 ratio**	—

TUBE TINKER

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

Catalog Tube types Full books Blog Feedback & corrections

© 2026 Tube Tinker