



ELECTRONIC TUBE REFERENCE

L77

Voltage - Triode (single) electronic tube

CONSOLIDATED TECHNICAL DATA

1 SECTION

CONSTRUCTION

TRIODE

Miniature indirectly heated triode for Class A amplification and Class C radio-frequency amplifier or oscillator service.

GENERAL CHARACTERISTICS

BASE DESIGNATION	B7G	BASE PINS	7
NOMINAL HEATER	6.3 V / 150 mA	PARALLEL HEATER	– / –
HEATING	Indirect	SERIES OPERATION	Not specified
CATHODE ARRANGEMENT	Separate cathodes	SECTION CONSTRUCTION	Similar

SECTION RATINGS

SECTION 1 Triode	
PLATE RESISTANCE	7700 Ω
TRANSCONDUCTANCE	0.0022 S
AMPLIFICATION FACTOR	17
MAXIMUM PLATE VOLTAGE	300 V
MAXIMUM PLATE DISSIPATION	3.5 W
MAXIMUM CATHODE CURRENT	25 mA
<i>Promoted values mapped from printed rating/approximate-data tables; additional operating points and capacitances retained as parameters.</i>	

Miniature indirectly heated triode for Class-A amplification and Class-C RF amplifier/oscillator service.



SOURCE OPERATING CONDITIONS

[SOURCE PDF](#)

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
Grid-Cathode Capacitance	1.7 pF	—
Anode-Cathode Capacitance	2.6 pF	—
Grid-Anode Capacitance	2 pF	—
Class-C Anode Voltage	300 V	—
Class-C Grid Voltage	-27 V	—
Class-C Anode Current	25 mA	—
Class-C Grid Drive	0.35 W	—
Class-C Output Power	5.5 W	—

TUBE TINKER

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and their source documents.

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