



ELECTRONIC TUBE REFERENCE

DS

Voltage - Tetrode electronic tube

CONSOLIDATED TECHNICAL DATA

1 SECTION

CONSTRUCTION

TETRODE

High-efficiency screen-grid tetrode with exceptionally low anode-grid capacitance for high-frequency and intermediate-frequency amplification in DC-mains receivers.

GENERAL CHARACTERISTICS

BASE DESIGNATION	—	BASE PINS	4
NOMINAL HEATER	16 V / 250 mA	PARALLEL HEATER	— / —
HEATING	Indirect	SERIES OPERATION	Not specified
CATHODE ARRANGEMENT	Separate cathodes	SECTION CONSTRUCTION	Similar

SECTION RATINGS

SECTION1 Tetrode	
PLATE RESISTANCE	500000 Ω
TRANSCONDUCTANCE	0.0011 S
AMPLIFICATION FACTOR	550
MAXIMUM PLATE VOLTAGE	200 V
<i>Published characteristics/ratings were promoted when unambiguous; remaining operating values are preserved in TUBE_SECTION_PARAMETER.</i>	

High-efficiency screen-grid valve with exceptionally low anode-grid capacitance, suitable for H.F. and I.F. amplification in D.C. mains receivers.



SOURCE OPERATING CONDITIONS

[SOURCE PDF](#)

192X Marconi Valve

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

192X MARCONI VALVE

Section 1 · Tetrode

OTHER		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Anode voltage	200 V	Screen 50-80 V; grid bias approximately -1.5 to -3 V



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 · Tetrode

OTHER		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Filament/heater voltage	16 V	—
Filament/heater current	250 mA	—
Maximum anode voltage	200 V	—

CHARACTERISTIC		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Amplification factor	550	—
Plate resistance	500000 ohm	—
Transconductance	1100 uS	—

CAPACITANCE		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Anode-grid capacitance maximum	0.002 pF	—

TUBE TINKER

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