ELECTRONIC TUBE REFERENCE

MHL4

Voltage - Triode (single) electronic tube

CONSOLIDATED TECHNICAL DATA
1 SECTION
CONSTRUCTION
TRIODE

Receiving triode for amplification, detection, oscillator, or general electronic service as documented by the manufacturer.

General characteristics

BASE DESIGNATION	–	**BASE PINS**	5
NOMINAL HEATER	4 V / 1 A	**PARALLEL HEATER**	– / –
HEATING	Direct	**SERIES OPERATION**	Not specified
CATHODE ARRANGEMENT	Separate cathodes	**SECTION CONSTRUCTION**	Similar

Section ratings

SECTION1 Triode

PLATE RESISTANCE	8000 Ω
TRANSCONDUCTANCE	0.0025 S
AMPLIFICATION FACTOR	20
MAXIMUM PLATE VOLTAGE	200 V
MAXIMUM PLATE DISSIPATION	4 W

Published characteristics/ratings were promoted when unambiguous; remaining operating values are preserved in TUBE_SECTION_PARAMETER.

OSRAM MHL4 triode for amplification, detection, or power-output service as specified in the supplied datasheet.

SOURCE OPERATING CONDITIONS

192X Marconi Valve

SOURCE PDF

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

192X MARCONI VALVE

Section 1 · Triode

OTHER		
PARAMETER	**PUBLISHED VALUE**	**CONDITION / NOTE**
Published operating data	**See source**	Operating curves/table are present on the approved one-page source; values not promoted unless unambiguous in searchable text.

SOURCE DATA APPENDIX

SOURCE OPERATING CONDITIONS

193X Osram

SOURCE PDF

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

193X OSRAM

Section 1 · Triode

OTHER		
PARAMETER	**PUBLISHED VALUE**	**CONDITION / NOTE**
Heater/Filament Voltage	**4 V**	Published datasheet value
Heater/Filament Current	**1 A**	Published datasheet value
Maximum Anode Voltage	**250 V**	Published datasheet value

CHARACTERISTICS		
PARAMETER	**PUBLISHED VALUE**	**CONDITION / NOTE**
Plate Resistance	**8000 ohm**	Published datasheet value
Mutual Conductance	**2500 µS**	Published datasheet value
Amplification Factor	**20**	Published datasheet value

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**
Filament/heater voltage	**4 V**	—
Filament/heater current	**1 A**	—
Maximum anode voltage	**200 V**	—
Maximum anode dissipation	**4 W**	—

CHARACTERISTIC		
PARAMETER	**PUBLISHED VALUE**	**CONDITION / NOTE**
Amplification factor	**20**	—
Transconductance	**2500 uS**	—
Plate resistance	**8000 ohm**	—

TUBE TINKER

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