ELECTRONIC TUBE REFERENCE

DL193

Power - Pentode Single (NOT beam) (under 10W) electronic tube

CONSOLIDATED TECHNICAL DATA

1 SECTION

CONSTRUCTION

PENTODE

> Battery output pentode designed for low-frequency power amplification. Its directly heated construction provides audio output power in portable receiver and battery-operated equipment.

General characteristics

BASE DESIGNATION	–	**BASE PINS**	7
NOMINAL HEATER	1.4 V / 200 mA	**PARALLEL HEATER**	– / –
HEATING	Direct	**SERIES OPERATION**	Not specified
CATHODE ARRANGEMENT	Separate cathodes	**SECTION CONSTRUCTION**	Similar

Section ratings

SECTION1 Pentode

PLATE RESISTANCE	90000 Ω
TRANSCONDUCTANCE	0.0022 S
MAXIMUM PLATE VOLTAGE	150 V
MAXIMUM SCREEN VOLTAGE	70 V
MAXIMUM PLATE DISSIPATION	1.5 W
MAXIMUM SCREEN DISSIPATION	0.35 W
MAXIMUM CATHODE CURRENT	18 mA

Published ratings and characteristics promoted from the printed technical data.

> Battery output pentode for low-frequency power amplification.

SOURCE OPERATING CONDITIONS

1953 RFT Rundfunk Technik

SOURCE PDF

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

1953 RFT RUNDFUNK TECHNIK

Section 1 · Pentode

OTHER		
PARAMETER	**PUBLISHED VALUE**	**CONDITION / NOTE**
HeaterVoltageNominal	**1.4 V**	Nominal
HeaterCurrentNominal	**200 mA**	Nominal
Maximum Plate Voltage	**150 V**	—
Maximum Screen Voltage	**70 V**	—
Maximum Plate Dissipation	**1.5 W**	—
Maximum Screen Dissipation	**0.35 W**	—
Maximum Cathode Current	**18 mA**	—

TUBE TINKER

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

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