



ELECTRONIC TUBE REFERENCE

DL72

Power - Pentode (NOT beam) electronic tube

CONSOLIDATED TECHNICAL DATA

1 SECTION

CONSTRUCTION

PENTODE

Subminiature output pentode with a 1.25 V, 25 mA filament for low-voltage Class-A audio amplification. Designed for compact portable equipment requiring minimal heater power.

GENERAL CHARACTERISTICS

BASE DESIGNATION	Subminiature	BASE PINS	8
NOMINAL HEATER	1.25 V / 25 mA	PARALLEL HEATER	– / –
HEATING	Direct	SERIES OPERATION	Not specified
CATHODE ARRANGEMENT	Separate cathodes	SECTION CONSTRUCTION	Similar

SECTION RATINGS

SECTION 1 Pentode	
PLATE RESISTANCE	170000 Ω
TRANSCONDUCTANCE	0.0005 S
MAXIMUM PLATE VOLTAGE	45 V
MAXIMUM SCREEN VOLTAGE	45 V
MAXIMUM CATHODE CURRENT	2 mA
<i>Published ratings and characteristics promoted semantically from the approved source; repeated identical physical sections compressed where applicable.</i>	

Subminiature output pentode with a 1.25 V, 25 mA filament for low-voltage Class-A audio amplifier service.



SOURCE OPERATING CONDITIONS

[SOURCE PDF](#)

1951 Mullard Valve and Service Manual

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

1951 MULLARD VALVE AND SERVICE MANUAL

Section 1 · Pentode

OTHER		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Plate Voltage	45 V	ClassA
Screen Voltage	45 V	ClassA
Plate Current	1.25 mA	—
Screen Current	0.4 mA	—

CHARACTERISTIC		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Transconductance	500 μ S	—
Plate Resistance	170000 ohm	—



SOURCE OPERATING CONDITIONS

[SOURCE PDF](#)

1999 Philips 0-D

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

1999 PHILIPS 0-D

Section 1 · Pentode

OTHER		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Anode voltage	45 V	ClassA
Anode current	1.25 mA	ClassA

PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Screen-grid current	0.4 mA	ClassA
Load resistance	30 k0hm	ClassA

TUBE TINKER

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