



ELECTRONIC TUBE REFERENCE

DL71

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 very-low-power Class-A audio service. Its compact construction targets miniature battery-operated equipment.

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	350000 Ω
TRANSCONDUCTANCE	0.00055 S
MAXIMUM PLATE VOLTAGE	45 V
MAXIMUM SCREEN VOLTAGE	45 V
MAXIMUM CATHODE CURRENT	0.79 mA
<i>Published Mullard/Philips ratings and characteristics promoted where applicable; additional values retained as parameters.</i>	

Subminiature output pentode with a 1.25 V, 25 mA filament for very-low-power Class-A audio output 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	0.6 mA	—
Screen Current	0.15 mA	—

CHARACTERISTIC		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Transconductance	550 μ S	—
Plate Resistance	350000 ohm	—

SOURCE OPERATING CONDITIONS

[SOURCE PDF](#)

1958 Mullard Receiving Tubes

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

1958 MULLARD RECEIVING TUBES

Section 1 · Pentode

APPLICATION		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Application	Battery audio output	—
Intended equipment	Hearing aid	—

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	0.6 mA	ClassA
Screen-grid current	0.15 mA	ClassA
Load resistance	100 kOhm	ClassA

TUBE TINKER

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and their source documents.

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