



ELECTRONIC TUBE REFERENCE

PEN4DD

Power - Pentode (NOT beam) electronic tube

CONSOLIDATED TECHNICAL DATA

3 SECTIONS

CONSTRUCTION

DIODE-DIODE-PENTODE

Combination double-diode output pentode integrating detector or AVC diode functions with an audio power-output pentode.

GENERAL CHARACTERISTICS

BASE DESIGNATION	—	BASE PINS	7
NOMINAL HEATER	4 V / 2.25 A	PARALLEL HEATER	— / —
HEATING	Indirect	SERIES OPERATION	Not specified
CATHODE ARRANGEMENT	Separate cathodes	SECTION CONSTRUCTION	Dissimilar

SECTION RATINGS

SECTION1 Diode

No fixed ratings recorded.

Representative of two diode sections.

SECTION2 Pentode

PLATE RESISTANCE	50000 Ω
TRANSCONDUCTANCE	0.0095 S

Output pentode section.

SECTION3 Diode

No fixed ratings recorded.

The Mullard PEN4DD combines two diode sections with an audio output pentode delivering about 4.3 W.

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 2 · Pentode

OTHER		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Plate Voltage	250 V	ClassA
Screen Voltage	250 V	ClassA
Plate Current	36 mA	ClassA
Power Output	4.3 W	ClassA