



ELECTRONIC TUBE REFERENCE

PEN40DD

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	—
NOMINAL HEATER	— / —	PARALLEL HEATER	— / —
HEATING	Indirect	SERIES OPERATION	Not specified
CATHODE ARRANGEMENT	Separate cathodes	SECTION CONSTRUCTION	Dissimilar

SECTION RATINGS

SECTION1 Diode

PEAK INVERSE VOLTAGE	200 V
PEAK FORWARD CURRENT	0.8 mA

Two similar diode sections; represented once under identical-section compression.

SECTION2 Pentode

No fixed ratings recorded.

Output-pentode section; source OCR preserves limiting table incompletely, so only legible additional values are retained as parameters.

SECTION3 Diode

No fixed ratings recorded.

Double-diode output pentode combining two detector diodes with an audio-output pentode.

SOURCE OPERATING CONDITIONS

[SOURCE PDF](#)

1963 Mullard

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

1963 MULLARD

Section 1 · Diode

OTHER		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Diode anode voltage maximum	200 V	—
Diode current maximum	0.8 mA	—
Heater-cathode voltage maximum	175 V	—
Heater-cathode resistance maximum	5000 ohm	—

CHARACTERISTICS		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Grid-current onset range	-0.3 to -0.8 V	—

1963 MULLARD

Section 2 · Pentode

APPLICATION		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Application	Audio output pentode	—