



ELECTRONIC TUBE REFERENCE

PEN26

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

CONSOLIDATED TECHNICAL
DATA

1 SECTION
CONSTRUCTION
PENTODE

Power/output pentode designed for audio-frequency output amplification in receiver or push-pull amplifier service.

GENERAL CHARACTERISTICS

BASE DESIGNATION	—	BASE PINS	—
NOMINAL HEATER	24 V / 200 mA	PARALLEL HEATER	— / —
HEATING	Indirect	SERIES OPERATION	Not specified
CATHODE ARRANGEMENT	Separate cathodes	SECTION CONSTRUCTION	Similar

SECTION RATINGS

SECTION1 Pentode	
PLATE RESISTANCE	50000 Ω
TRANSCONDUCTANCE	0.0031 S
MAXIMUM PLATE VOLTAGE	200 V
MAXIMUM SCREEN VOLTAGE	100 V
MAXIMUM PLATE DISSIPATION	8 W
MAXIMUM SCREEN DISSIPATION	1 W
MAXIMUM CATHODE CURRENT	70 mA
<i>Published Mullard ratings, characteristics, capacitances, and operating data promoted where applicable; additional values retained as parameters.</i>	

Series-heater output pentode for DC/AC receivers and audio power service.

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 · Pentode

OTHER		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Normal plate voltage	200 V	ClassA
Normal screen voltage	100 V	ClassA
Plate current	40 mA	ClassA
Screen current	5 mA	ClassA
Control-grid voltage	-19 V	ClassA
Optimum load	5000 ohm	ClassA
Audio output at 10% distortion	3 W	ClassA
Input signal RMS	8.8 V	ClassA
Cathode-bias resistance	420 ohm	ClassA
Grid resistance maximum self-bias	1 Mohm	—
Heater-cathode resistance maximum	5000 ohm	—
Heater-cathode voltage maximum	175 V	—

TUBE TINKER

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

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