



ELECTRONIC TUBE REFERENCE

ACPEN

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

CONSOLIDATED TECHNICAL
DATA

1 SECTION
CONSTRUCTION
PENTODE

Mazda AC-mains output pentode designed for receiver power stages. Manufacturer data provide electrical ratings, characteristics, and application guidance for conventional audio-frequency output service.

GENERAL CHARACTERISTICS

BASE DESIGNATION	—	BASE PINS	7
NOMINAL HEATER	4 V / 1 A	PARALLEL HEATER	— / —
HEATING	Indirect	SERIES OPERATION	Not specified
CATHODE ARRANGEMENT	Separate cathodes	SECTION CONSTRUCTION	Similar

SECTION RATINGS

SECTION1 Pentode	
TRANSCONDUCTANCE	0.0025 S
MAXIMUM PLATE VOLTAGE	250 V
MAXIMUM SCREEN VOLTAGE	250 V
MAXIMUM PLATE DISSIPATION	8 W
<i>A.C. mains output pentode for receiver output service.</i>	

A.C. mains output pentode for receiver output service. The datasheet provides ratings, characteristics and application guidance for the intended service.

SOURCE OPERATING CONDITIONS

[SOURCE PDF](#)

1960 Mazda

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

1960 MAZDA

Section 1 · Pentode

OTHER		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Anode voltage	200 V	—
Screen voltage	200 V	—
Anode current	24 mA	—
Self-bias resistance	300 ohm	—
Optimum load	8000 ohm	—
Power output	2 W	—
Input swing RMS	8 V	—

TUBE TINKER

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and their source documents.

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