ELECTRONIC TUBE REFERENCE

AC2PEN

Power - Pentode (NOT beam) electronic tube

CONSOLIDATED TECHNICAL DATA
1 SECTION
CONSTRUCTION
PENTODE

Mazda indirectly heated AC-mains output pentode designed for receiver power-output service. Manufacturer documentation provides ratings, characteristics, and application guidance for conventional low-frequency load-driving operation.

General characteristics

BASE DESIGNATION	–	**BASE PINS**	7
NOMINAL HEATER	4 V / 1.75 A	**PARALLEL HEATER**	– / –
HEATING	Indirect	**SERIES OPERATION**	Not specified
CATHODE ARRANGEMENT	Separate cathodes	**SECTION CONSTRUCTION**	Similar

Section ratings

SECTION1 Pentode

TRANSCONDUCTANCE	0.008 S
MAXIMUM PLATE VOLTAGE	250 V
MAXIMUM SCREEN VOLTAGE	250 V
MAXIMUM PLATE DISSIPATION	10 W

Indirectly heated A.C. mains output pentode.

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

SOURCE OPERATING CONDITIONS

1960 Mazda

SOURCE PDF

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	**250 V**	—
Screen voltage	**250 V**	—
Grid bias	**-5.3 V**	—
Anode current	**32 mA**	—
Screen current	**6 mA**	—
Optimum load resistance	**6700 ohm**	—
Self-bias resistance	**140 ohm**	—
Maximum undistorted power output	**3.5 W**	—
Input swing RMS	**3.2 V**	—

TUBE TINKER

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