



ELECTRONIC TUBE REFERENCE

AC5PEN

Power - Beam (NOT sweep) electronic tube

CONSOLIDATED TECHNICAL DATA

1 SECTION

CONSTRUCTION

BEAMPOWER

Indirectly heated beam-power amplifier designed for output stages of AC mains receivers, providing audio-frequency power amplification.

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

SECTION 1 Beam Power	
TRANSCONDUCTANCE	0.009 S
MAXIMUM PLATE VOLTAGE	250 V
MAXIMUM SCREEN VOLTAGE	250 V
Indirectly heated beam-power amplifier for A.C. mains receiver output stages.	

Indirectly heated beam-power amplifier for A.C. mains receiver output stages. 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 · Beam Power

OTHER		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Anode voltage	250 V	—
Screen voltage	250 V	—
Grid bias	-8.5 V	—
Quiescent anode current	40 mA	—
Quiescent screen current	7.5 mA	—
Self-bias resistance	175 ohm	—
Power output	4.85 W	—
Anode load	5200 ohm	—
Input swing RMS	4 V	—