



ELECTRONIC TUBE REFERENCE

6P25

Power - Beam (NOT sweep) electronic tube

CONSOLIDATED TECHNICAL DATA

1 SECTION

CONSTRUCTION

BEAMPOWER

Beam-power amplifier designed for audio-frequency output service, providing a power stage for receiver and amplifier applications.

GENERAL CHARACTERISTICS

BASE DESIGNATION	A07	BASE PINS	7
NOMINAL HEATER	6.3 V / 1.1 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
AMPLIFICATION FACTOR	17.5
MAXIMUM PLATE VOLTAGE	250 V
MAXIMUM SCREEN VOLTAGE	250 V
MAXIMUM PLATE DISSIPATION	10 W
MAXIMUM SCREEN DISSIPATION	2.9 W

Beam power amplifier for audio-frequency output 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
Maximum Heater Cathode Voltage	150 V	—
Typical Plate Voltage	250 V	—
Typical Screen Voltage	250 V	—
Grid Bias	-8.5 V	—
QuiescentPlateCurrent	40 mA	—
Quiescent Screen Current	8 mA	—

CAPACITANCE		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Anode Earth Capacitance	12 pF	—
Anode Grid Capacitance	0.85 pF	—
Grid Earth Capacitance	23 pF	—