

ELECTRONIC TUBE REFERENCE

QP230

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

CONSOLIDATED TECHNICAL DATA

2 SECTIONS

CONSTRUCTION

PENTODE-PENTODE

Matched high-efficiency double pentode designed for quiescent push-pull audio output in battery receivers, reducing standing current while providing useful loudspeaker power.

GENERAL CHARACTERISTICS

BASE DESIGNATION	—	BASE PINS	7
NOMINAL HEATER	2 V / 300 mA	PARALLEL HEATER	— / —
HEATING	Direct	SERIES OPERATION	Not specified
CATHODE ARRANGEMENT	Common cathode	SECTION CONSTRUCTION	Similar

SECTION RATINGS

SECTION1 Pentode	
TRANSCONDUCTANCE	0.003 S
MAXIMUM PLATE VOLTAGE	150 V
MAXIMUM SCREEN VOLTAGE	150 V
One representative section row for two matched electrically identical pentode sections.	

SECTION2 Pentode	
TRANSCONDUCTANCE	0.003 S
MAXIMUM PLATE VOLTAGE	150 V
MAXIMUM SCREEN VOLTAGE	150 V
Second physical pentode section; added to align rows with SectionCount.	

Two accurately matched high-efficiency pentode sections in one envelope for quiescent push-pull audio output operation in battery receivers.

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	120 V	PushPull
Screen voltage	120 V	PushPull
Total quiescent anode current	46.5 mA	PushPull
Anode-to-anode load	17000 ohm	PushPull
Power output	0.85 W	PushPull

TUBE TINKER

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