



ELECTRONIC TUBE REFERENCE

PP4018

Power - Pentode (NOT beam) electronic tube

CONSOLIDATED TECHNICAL DATA

1 SECTION

CONSTRUCTION

PENTODE

Series-heater output pentode developed for efficient audio amplification from unusually low anode voltages.

GENERAL CHARACTERISTICS

BASE DESIGNATION	—	BASE PINS	6
NOMINAL HEATER	40 V / 180 mA	PARALLEL HEATER	— / —
HEATING	Indirect	SERIES OPERATION	Not specified
CATHODE ARRANGEMENT	Separate cathodes	SECTION CONSTRUCTION	Similar

SECTION RATINGS

SECTION 1 Pentode	
TRANSCONDUCTANCE	0.003 S
AMPLIFICATION FACTOR	60
MAXIMUM PLATE VOLTAGE	95 V
MAXIMUM SCREEN VOLTAGE	95 V
MAXIMUM PLATE DISSIPATION	10 W
Published ratings and characteristics promoted from the approved source.	

Indirectly heated multi-grid output tube for high-efficiency audio power amplification from low anode voltages in universal receivers.



SOURCE OPERATING CONDITIONS

[SOURCE PDF](#)

195X Tunsgram

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

195X TUNSGRAM

Section 1 · Pentode

OTHER		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
HeaterVoltageNominal	40 V	Nominal
HeaterCurrentNominal	180 mA	Nominal
Maximum Plate Voltage	95 V	—
Maximum Screen Voltage	95 V	—
Maximum Plate Dissipation	10 W	—

CHARACTERISTIC		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Transconductance	3000 μS	Typical
Amplification Factor	60	Typical

TUBE TINKER

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and their source documents.

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