



ELECTRONIC TUBE REFERENCE

713A

Voltage - Pentode High Frequency (single) electronic tube

CONSOLIDATED TECHNICAL DATA

1 SECTION

CONSTRUCTION

PENTODE

High-frequency pentode using a 6.3 V, 175 mA heater. Manufacturer documentation identifies it for RF signal-amplifier service, with no explicit evidence in the available source for a narrower cutoff or specialized functional category.

GENERAL CHARACTERISTICS

BASE DESIGNATION	—	BASE PINS	7
NOMINAL HEATER	6.3 V / 175 mA	PARALLEL HEATER	— / —
HEATING	Indirect	SERIES OPERATION	Not specified
CATHODE ARRANGEMENT	Separate cathodes	SECTION CONSTRUCTION	Similar

SECTION RATINGS

SECTION 1 Pentode	
PLATE RESISTANCE	250000 Ω
TRANSCONDUCTANCE	0.004 S
MAXIMUM PLATE VOLTAGE	180 V
MAXIMUM SCREEN VOLTAGE	120 V
MAXIMUM CATHODE CURRENT	10.1 mA

High-frequency pentode with 6.3 V, 175 mA heater.

SOURCE OPERATING CONDITIONS

[SOURCE PDF](#)

1961 Tung Sol

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

1961 TUNG SOL

Section 1 · Pentode

OTHER		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Plate Voltage	120 V	—
Screen Voltage	120 V	—
Grid Voltage	-2 V	—

CHARACTERISTIC		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Plate Current	7.5 mA	—
Screen Current	2.5 mA	—

TUBE TINKER

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and their source documents.

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