



ELECTRONIC TUBE REFERENCE

2HR8

Voltage - Pentode electronic tube

CONSOLIDATED TECHNICAL DATA

1 SECTION

CONSTRUCTION

PENTODE

Pentode designed specifically for transitron circuits in television receivers, with ratings and capacitances tailored to that oscillator/control technique.

GENERAL CHARACTERISTICS

BASE DESIGNATION	E9-1	BASE PINS	9
NOMINAL HEATER	2.5 V / 600 mA	PARALLEL HEATER	– / –
HEATING	Indirect	SERIES OPERATION	Not specified
CATHODE ARRANGEMENT	Separate cathodes	SECTION CONSTRUCTION	Similar

SECTION RATINGS

SECTION 1 Pentode	
PLATE RESISTANCE	2500000 Ω
TRANSCONDUCTANCE	0.002 S
AMPLIFICATION FACTOR	38
MAXIMUM PLATE VOLTAGE	300 V
MAXIMUM SCREEN VOLTAGE	200 V
MAXIMUM PLATE DISSIPATION	1 W
MAXIMUM SCREEN DISSIPATION	0.2 W
MAXIMUM CATHODE CURRENT	4 mA
MAXIMUM HEATER-CATHODE VOLTAGE	169 V
Design-center maximum ratings and typical characteristics promoted from supplied sheet.	

Pentode intended for use in transitron circuits in television receivers, with design-center ratings and direct interelectrode capacitances.



SOURCE OPERATING CONDITIONS

[SOURCE PDF](#)

1953 Amperex

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

1953 AMPEREX

Section 1 · Pentode

OTHER		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Plate voltage without current	550 V	—
Screen voltage without current	550 V	—
Peak cathode current	28 mA	—

TUBE TINKER

An independent reference for electronic tubes, vacuum tubes, and their source documents.

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