



ELECTRONIC TUBE REFERENCE

E9

Voltage - Pentode or Tetrode (under 100V) electronic tube

CONSOLIDATED TECHNICAL DATA

1 SECTION

CONSTRUCTION

PENTODE

Very-low-power directly heated electrometer pentode designed for linear or logarithmic preamplifier measurement circuits. Its defining function is amplification of extremely small measurement signals in high-impedance instrumentation.

GENERAL CHARACTERISTICS

BASE DESIGNATION	—	BASE PINS	—
NOMINAL HEATER	1.25 V / 9 mA	PARALLEL HEATER	— / —
HEATING	Direct	SERIES OPERATION	Not specified
CATHODE ARRANGEMENT	Separate cathodes	SECTION CONSTRUCTION	Similar

SECTION RATINGS

SECTION 1 Pentode	
PLATE RESISTANCE	20000000 Ω
TRANSCONDUCTANCE	0.00014 S
MAXIMUM PLATE VOLTAGE	22.5 V
MAXIMUM SCREEN VOLTAGE	22.5 V
MAXIMUM CATHODE CURRENT	0.3 mA
<i>Electrometer pentode; source also specifies triode and diode-connected operation.</i>	

Very-low-power directly heated electrometer pentode for linear or logarithmic preamplifier measurement circuits.

SOURCE OPERATING CONDITIONS

[SOURCE PDF](#)

1968 Mazda Belvu

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

1968 MAZDA BELVU

Section 1 · Pentode

APPLICATION		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Application	ElectrometerPreamplifier text	—

CHARACTERISTIC		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
InputCurrentRange	1e-14 to 1e-7 A	Logarithmic operation

TUBE TINKER

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and their source documents.

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