

ELECTRONIC TUBE REFERENCE

7234

Voltage - Pentode electronic tube

CONSOLIDATED TECHNICAL DATA
1 SECTION
CONSTRUCTION
PENTODE

National Union high-voltage pentode designed for control, regulator, and high-voltage sweep circuits operating in the kilovolt range. Its defining role is high-voltage electronic control rather than ordinary receiving or audio amplification.

GENERAL CHARACTERISTICS

BASE DESIGNATION	—	BASE PINS	9
NOMINAL HEATER	6.3 V / 150 mA	PARALLEL HEATER	— / —
HEATING	Indirect	SERIES OPERATION	Not specified
CATHODE ARRANGEMENT	Separate cathodes	SECTION CONSTRUCTION	Similar

SECTION RATINGS

SECTION1 Pentode	
PLATE RESISTANCE	1000000 Ω
TRANSCONDUCTANCE	0.0038 S
MAXIMUM SCREEN VOLTAGE	150 V
MAXIMUM PLATE DISSIPATION	10 W
MAXIMUM SCREEN DISSIPATION	0.5 W
MAXIMUM CATHODE CURRENT	5 mA
Promoted ratings/characteristics read from the approved National Union datasheet.	

National Union 7234 high-voltage pentode for control, regulator, and high-voltage sweep circuits operating in the kilovolt range.



SOURCE OPERATING CONDITIONS

[SOURCE PDF](#)

1938 National Union

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

1938 NATIONAL UNION

Section 1 · Pentode

CHARACTERISTICS		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Grid to plate capacitance	0.0159 pF	Direct interelectrode capacitance
Input capacitance	4.06 pF	Direct interelectrode capacitance
Output capacitance	2.23 pF	Direct interelectrode capacitance

TUBE TINKER

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