



ELECTRONIC TUBE REFERENCE

5A128B

Voltage - Pentode electronic tube

CONSOLIDATED TECHNICAL DATA

1 SECTION

CONSTRUCTION

PENTODE

Standard Telephones pentode with manufacturer-specified technical characteristics, ratings, and operating information. The available source establishes signal pentode service but does not provide sufficiently explicit application wording to justify a narrower functional classification.

GENERAL CHARACTERISTICS

BASE DESIGNATION	—	BASE PINS	5
NOMINAL HEATER	4 V / —	PARALLEL HEATER	— / —
HEATING	Indirect	SERIES OPERATION	Not specified
CATHODE ARRANGEMENT	Separate cathodes	SECTION CONSTRUCTION	Similar

SECTION RATINGS

SECTION 1 Pentode	
MAXIMUM PLATE VOLTAGE	250 V
MAXIMUM SCREEN VOLTAGE	100 V
<i>Ratings and characteristics extracted from 5A128B.pdf.</i>	

5A128B Pentode. Technical characteristics, ratings, and operating information are provided in the approved Standard Valves datasheet.

SOURCE OPERATING CONDITIONS

[SOURCE PDF](#)

1946 Standard Telephone and Cables

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

1946 STANDARD TELEPHONE AND CABLES

Section 1 · Pentode

OTHER		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Voltage	4 v	—
Grid to anode	0.007 pF	—
Inpu	10.7 pF	—
Qutpu	8 pF	—
Maximum direct screen voltage	100 A	—
Maximum direct anode curren	9 mA	—
Anode voltage 250 200	150 volts	—
Control grid bias ... -1.5 - I1.5	-1.5 volts	—
Screen grid voltage... 100 100	100 volts	—
Anode current ... 3.9 38	3.7 mA	—
Load 50,000 46,000	30000 ohms	—
Output 0.315 0.258	0.175 watts	—
April 1946	5 A	—
April 1946	5 A	—
April 1946	5 A	—

CHARACTERISTIC		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Mutual conductance \Tge:s%(? e a:,\g _2_'22\\;	3 mA	—

TUBE TINKER

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

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