



ELECTRONIC TUBE REFERENCE

5A150A

Voltage - Pentode electronic tube

CONSOLIDATED TECHNICAL DATA

1 SECTION

CONSTRUCTION

PENTODE

Carrier-frequency pentode, also published as type 4310A. Standard Telephones documentation identifies it for telecommunications carrier service, giving it a specialized professional signal-amplification role rather than general receiver use.

GENERAL CHARACTERISTICS

BASE DESIGNATION	—	BASE PINS	6
NOMINAL HEATER	10 V / 320 mA	PARALLEL HEATER	— / —
HEATING	Indirect	SERIES OPERATION	Not specified
CATHODE ARRANGEMENT	Separate cathodes	SECTION CONSTRUCTION	Similar

SECTION RATINGS

SECTION 1 Pentode	
TRANSCONDUCTANCE	0.002 S
MAXIMUM PLATE VOLTAGE	250 V
MAXIMUM SCREEN VOLTAGE	180 V
MAXIMUM CATHODE CURRENT	10 mA
Ratings and characteristics extracted from 5A150A.pdf.	

Carrier pentode, also published as 4310A.

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	10 v	—
Nominal curren	320 mA	—
Grid to anode	0.03 pF	—
Inpu	6 pF	—
Outpu	14 pF	—
Maximum direct screen voltage	180 A	—
Maximum direct cathode curren	10 mA	—
Maximum direct screen curren	2.5 mA	—
July 1946	5 A	—

CHARACTERISTIC		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Mutual conductance Measured a	2 mA	—

TUBE TINKER

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and their source documents.

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