



ELECTRONIC TUBE REFERENCE

5A152M

Voltage - Pentode electronic tube

CONSOLIDATED TECHNICAL DATA

1 SECTION

CONSTRUCTION

PENTODE

Standard Telephones pentode with published technical characteristics, ratings, and operating information. The available source establishes pentode signal service but does not explicitly identify a sufficiently narrow application category for further functional reassignment.

GENERAL CHARACTERISTICS

BASE DESIGNATION	—	BASE PINS	—
NOMINAL HEATER	6.3 V / 470 mA	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	150 V
MAXIMUM PLATE DISSIPATION	5 W
Ratings and characteristics extracted from 5A152M.pdf.	

5A152M 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	6.3 v	—
Nominal curren	470 mA	—
Grid to anode	0.018 pF	—
Inpu	10 pF	—
Outpu	5 pF	—
Maximum direct anode voltage	250 v	—
Maximum direct screen voltage	150 v	—
Maximum direct screen curren	5 mA	—
Maximum anode dissipation	5 w	—
May 1947	5 A	—
Direct anode voltage	250 A	—
Direct anode curren	10 mA	—
Direct screen voltage	150 v	—
Direct screen curren	2 mA	—
Direct suppressor voltage	0 v	—
May 1947	5 A	—

CHARACTERISTIC		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Mutual conductance (at I_a 10mA)	7.5 mA	—

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

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