



ELECTRONIC TUBE REFERENCE

SRS552N

Power - Pentode (NOT beam) electronic tube

CONSOLIDATED TECHNICAL DATA

1 SECTION

CONSTRUCTION

PENTODE

RFT transmitting pentode for audio-frequency, radio-frequency, and pulse operation to approximately 65 MHz.

GENERAL CHARACTERISTICS

BASE DESIGNATION	—	BASE PINS	—
NOMINAL HEATER	12.6 V / 700 mA	PARALLEL HEATER	— / —
HEATING	Indirect	SERIES OPERATION	Not specified
CATHODE ARRANGEMENT	Separate cathodes	SECTION CONSTRUCTION	Similar

SECTION RATINGS

SECTION 1 Pentode	
TRANSCONDUCTANCE	0.0035 S
MAXIMUM PLATE VOLTAGE	1000 V
MAXIMUM SCREEN VOLTAGE	300 V
MAXIMUM PLATE DISSIPATION	40 W
MAXIMUM SCREEN DISSIPATION	5 W
MAXIMUM GRID DISSIPATION	1 W
MAXIMUM CATHODE CURRENT	230 mA
<i>Published ratings and characteristics promoted where clearly stated.</i>	

Radiation-cooled transmitting pentode suitable for audio-frequency, radio-frequency and pulse operation.

SOURCE OPERATING CONDITIONS

[SOURCE PDF](#)

1953 RFT Rundfunk Technik

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

1953 RFT RUNDFUNK TECHNIK

Section 1 · Pentode

OTHER		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
HeaterVoltageNominal	12.6 V	Nominal
HeaterCurrentNominal	700 mA	Nominal
Maximum Plate Voltage	1000 V	—
Maximum Screen Voltage	300 V	—
Maximum Plate Dissipation	40 W	—
Maximum Screen Dissipation	5 W	—
MaximumGridDissipation	1 W	—
Maximum Cathode Current	230 mA	—
Maximum Frequency	65 MHz	—
RFOutputPower	80 W	Approximately ClassB; <=25 MHz

CHARACTERISTIC		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Transconductance	3500 μ S	Typical

TUBE TINKER

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and their source documents.

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