



ELECTRONIC TUBE REFERENCE

DAF961

Voltage - Pentode or Tetrode (under 100V) electronic tube

CONSOLIDATED TECHNICAL DATA

2 SECTIONS

CONSTRUCTION

DIODE-PENTODE

Battery-operated diode-pentode combining a detector diode with a low-frequency amplifier pentode. Its 1.2 V, 60 mA directly heated filament and low operating currents suit economical portable receiver service.

GENERAL CHARACTERISTICS

BASE DESIGNATION	—	BASE PINS	—
NOMINAL HEATER	1.2 V / 60 mA	PARALLEL HEATER	— / —
HEATING	Indirect	SERIES OPERATION	Not specified
CATHODE ARRANGEMENT	Separate cathodes	SECTION CONSTRUCTION	Dissimilar

SECTION RATINGS

SECTION1 Diode	
MAXIMUM PLATE VOLTAGE	90 V
MAXIMUM CATHODE CURRENT	0.2 mA
PEAK INVERSE VOLTAGE	50 V
NOMINAL OUTPUT CURRENT	0.2 mA
Published ratings and characteristics promoted from the printed technical data.	

SECTION2 Pentode	
PLATE RESISTANCE	600000 Ω
TRANSCONDUCTANCE	0.0007 S
MAXIMUM PLATE VOLTAGE	90 V
MAXIMUM SCREEN VOLTAGE	90 V
MAXIMUM PLATE DISSIPATION	0.15 W
MAXIMUM SCREEN DISSIPATION	0.05 W
MAXIMUM CATHODE CURRENT	2.5 mA
<i>Published ratings and characteristics promoted from the printed technical data.</i>	

Battery diode-pentode for detector and low-frequency amplifier service.

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 · Diode

OTHER		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
HeaterVoltageNominal	1.2 V	Nominal
HeaterCurrentNominal	60 mA	Nominal
Maximum Peak Inverse Voltage	50 V	—
Rectified Output Current	0.2 mA	—

1953 RFT RUNDFUNK TECHNIK

Section 2 · Pentode

OTHER		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
HeaterVoltageNominal	1.2 V	Nominal
HeaterCurrentNominal	60 mA	Nominal
Maximum Plate Voltage	90 V	—
Maximum Screen Voltage	90 V	—
Maximum Plate Dissipation	0.15 W	—
Maximum Screen Dissipation	0.05 W	—
Maximum Cathode Current	2.5 mA	—

TUBE TINKER

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