



ELECTRONIC TUBE REFERENCE

DL167

Power - Pentode Single (NOT beam) (under 10W) electronic tube

CONSOLIDATED TECHNICAL
DATA

1 SECTION
CONSTRUCTION
PENTODE

Subminiature output pentode designed for hearing aids and other very-low-power audio equipment. Its tiny filament demand and compact construction provide useful low-frequency output from miniature battery supplies.

GENERAL CHARACTERISTICS

BASE DESIGNATION	—	BASE PINS	—
NOMINAL HEATER	1.25 V / 13.3 mA	PARALLEL HEATER	— / —
HEATING	Direct	SERIES OPERATION	Not specified
CATHODE ARRANGEMENT	Separate cathodes	SECTION CONSTRUCTION	Similar

SECTION RATINGS

SECTION 1 Pentode	
TRANSCONDUCTANCE	0.0004 S
MAXIMUM PLATE VOLTAGE	45 V
MAXIMUM SCREEN VOLTAGE	45 V
MAXIMUM PLATE DISSIPATION	0.025 W
MAXIMUM SCREEN DISSIPATION	0.006 W
MAXIMUM CATHODE CURRENT	0.6 mA
<i>Published ratings and characteristics promoted from the printed technical data.</i>	

Subminiature output pentode for hearing aids and other very-low-power audio equipment.

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	1.25 V	Nominal
HeaterCurrentNominal	13.3 mA	Nominal
Maximum Plate Voltage	45 V	—
Maximum Screen Voltage	45 V	—
Maximum Plate Dissipation	0.025 W	—
Maximum Screen Dissipation	0.006 W	—
Maximum Cathode Current	0.6 mA	—