



ELECTRONIC TUBE REFERENCE

C3C

Voltage - Pentode Remote Cutoff (single) electronic tube

CONSOLIDATED TECHNICAL DATA

1 SECTION

CONSTRUCTION

PENTODE

Remote-cutoff variable-mu pentode using a 4 V heater and providing a wide control range of anode current and transconductance. Its extended characteristic is designed for smoothly controlled signal amplification.

GENERAL CHARACTERISTICS

BASE DESIGNATION	—	BASE PINS	8
NOMINAL HEATER	4 V / 1.1 A	PARALLEL HEATER	— / —
HEATING	Indirect	SERIES OPERATION	Not specified
CATHODE ARRANGEMENT	Separate cathodes	SECTION CONSTRUCTION	Similar

SECTION RATINGS

SECTION 1 Pentode	
PLATE RESISTANCE	650000 Ω
TRANSCONDUCTANCE	0.0025 S
MAXIMUM PLATE VOLTAGE	250 V
MAXIMUM SCREEN VOLTAGE	100 V
MAXIMUM PLATE DISSIPATION	2 W
MAXIMUM SCREEN DISSIPATION	1 W
<i>Published ratings and characteristics promoted from the approved source.</i>	

A remote-cutoff (variable-mu) pentode with a 4 V heater and a wide control range of anode current and transconductance.

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
Anode voltage	220 V	—
Screen-grid voltage	100 V	—
Grid bias	-2 to -18 V	—
Anode current	10 to 1.5 mA	—
Screen-grid current	3.5 to 0.5 mA	—
Transconductance range	2.5 to 0.1 mA/V	—
Cold anode voltage maximum	400 V	—
Cold screen-grid voltage maximum	400 V	—
Grid leak resistance maximum	300 kΩ	—

CAPACITANCE		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Grid-anode capacitance	8 mpF	—

TUBE TINKER

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

[Catalog](#) [Tube types](#) [Full books](#) [Blog](#) [Feedback & corrections](#)

© 2026 Tube Tinker