

Medium-power transmitting pentode suitable for both RF and audio-frequency power amplification.

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

SECTION1 Pentode	
TRANSCONDUCTANCE	0.0043 S
AMPLIFICATION FACTOR	235
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
Published ratings and characteristics promoted from the approved datasheet.	

Transmitting pentode also suitable for audio-frequency amplification.

SOURCE OPERATING CONDITIONS

[SOURCE PDF](#)

194X Wehrmacht Rohren

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

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Section 1 · Pentode

OTHER		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Grid-cathode capacitance minimum	13.5 pF	Published datasheet value
Grid-cathode capacitance maximum	15.6 pF	Published datasheet value
Anode-cathode capacitance minimum	9 pF	Published datasheet value
Anode-cathode capacitance maximum	11 pF	Published datasheet value
Grid-anode capacitance maximum	0.09 pF	Published datasheet value
Peak anode voltage	3000 V	Published datasheet value