



ELECTRONIC TUBE REFERENCE

PE0515

Power - Pentode (NOT beam) electronic tube

CONSOLIDATED TECHNICAL DATA

1 SECTION
CONSTRUCTION
PENTODE

Power pentode designed for RF transmitting, linear RF amplification, oscillation, modulation, or RF/LF power-amplifier service.

GENERAL CHARACTERISTICS

BASE DESIGNATION	—	BASE PINS	—
NOMINAL HEATER	12 V / 370 mA	PARALLEL HEATER	— / —
HEATING	Indirect	SERIES OPERATION	Not specified
CATHODE ARRANGEMENT	Separate cathodes	SECTION CONSTRUCTION	Similar

SECTION RATINGS

SECTION 1 Pentode	
TRANSCONDUCTANCE	0.0015 S
MAXIMUM PLATE VOLTAGE	500 V
MAXIMUM SCREEN VOLTAGE	300 V
MAXIMUM PLATE DISSIPATION	15 W
MAXIMUM SCREEN DISSIPATION	5 W
MAXIMUM CATHODE CURRENT	85 mA
<i>Pentode section of PE0515.</i>	

Power pentode intended for RF amplification, oscillator and/or modulation service, with published transmitting operating conditions and limiting ratings.

SOURCE OPERATING CONDITIONS

[SOURCE PDF](#)

1999 Philips E-Z

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

1999 PHILIPS E-Z

Section 1 · Pentode

CAPACITANCE		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Capacitances Ca	5.7 pF	—
Capacités Cg1	12.7 pF	—
Kapazitéiten Cagl	0.12 pF	—
Kenndaten S (Ia [1])	40 mA	—
Kenndaten S (Ia [2])	1.5 mA/V	—

TUBE TINKER

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and their source documents.

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