



ELECTRONIC TUBE REFERENCE

1K6

Voltage - Pentode or Tetrode (with diode) electronic tube

CONSOLIDATED TECHNICAL DATA

3 SECTIONS

CONSTRUCTION

DIODE-DIODE-PENTODE

Duo-diode pentode combining two detector diodes with a pentode amplifier section; available documentation does not support a narrower functional assignment.

GENERAL CHARACTERISTICS

BASE DESIGNATION	—	BASE PINS	6
NOMINAL HEATER	2 V / —	PARALLEL HEATER	— / —
HEATING	Direct	SERIES OPERATION	Not specified
CATHODE ARRANGEMENT	Separate cathodes	SECTION CONSTRUCTION	Dissimilar

SECTION RATINGS

SECTION1 Pentode

AMPLIFICATION FACTOR	15
MAXIMUM PLATE VOLTAGE	180 V
MAXIMUM SCREEN VOLTAGE	135 V

Promoted values from 1K7G.pdf; section type follows printed electrode/function description.

SECTION2 Diode

No fixed ratings recorded.

Promoted values from 1K7G.pdf; section type follows printed electrode/function description.

SECTION3 Diode

No fixed ratings recorded.

Promoted values from 1K7G.pdf; section type follows printed electrode/function description.

Duo-diode pentode.

SOURCE OPERATING CONDITIONS

1946 Amalgamated Wireless

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

1946 AMALGAMATED WIRELESS

Section 1 · Pentode

CHARACTERISTICS		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Heater or filament voltage	2 V	Published nominal rating
Grid-to-plate capacitance	0.015 pF	Direct interelectrode capacitance
Input capacitance	5 pF	Direct interelectrode capacitance
Output capacitance	10.5 pF	Direct interelectrode capacitance

TUBE TINKER

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