



ELECTRONIC TUBE REFERENCE

DK22

Voltage - Radio Detector Converter electronic tube

CONSOLIDATED TECHNICAL DATA

1 SECTION

CONSTRUCTION

OCTODE

Directly heated octode frequency changer for battery superheterodyne receivers. It combines local-oscillator and mixer action in one multi-grid valve, providing useful conversion gain from comparatively low receiver supply voltages.

GENERAL CHARACTERISTICS

BASE DESIGNATION	—	BASE PINS	—
NOMINAL HEATER	1.2 V / 50 mA	PARALLEL HEATER	— / —
HEATING	Direct	SERIES OPERATION	Capable
CATHODE ARRANGEMENT	Separate cathodes	SECTION CONSTRUCTION	Similar

SECTION RATINGS

SECTION 1 Octode	
MAXIMUM PLATE VOLTAGE	135 V
MAXIMUM SCREEN VOLTAGE	30 V
Directly heated octode frequency converter for superheterodyne receivers	

DK22 is a directly heated octode frequency converter for superheterodyne receivers. The supplied Philips datasheet was read for construction, heater/filament data, ratings, characteristics, operating conditions, capacitances, and deflection information where applicable.

SOURCE OPERATING CONDITIONS

[SOURCE PDF](#)

1999 Philips 0-D

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

1999 PHILIPS 0-D

Section 1 · Octode

CHARACTERISTIC		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Conversion transconductance	500 μ S	FrequencyConverter
Plate resistance	1.5 M Ω	FrequencyConverter

TUBE TINKER

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and their source documents.

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