

ELECTRONIC TUBE REFERENCE

CK3

Voltage Radio Detector Converter electronic tube

CONSOLIDATED TECHNICAL DATA

1 SECTION
CONSTRUCTION
OCTODE

Four-beam octode frequency converter for radio receivers, combining oscillator and mixer action within one multi-grid valve. It was designed specifically for superheterodyne frequency-changing service.

GENERAL CHARACTERISTICS

BASE DESIGNATION	—	BASE PINS	8
NOMINAL HEATER	13 V / 200 mA	PARALLEL HEATER	— / —
HEATING	Indirect	SERIES OPERATION	Not specified
CATHODE ARRANGEMENT	Separate cathodes	SECTION CONSTRUCTION	Similar

SECTION RATINGS

SECTION1 Octode	
TRANSCONDUCTANCE	0.004 S
MAXIMUM PLATE VOLTAGE	300 V
MAXIMUM SCREEN VOLTAGE	150 V
MAXIMUM PLATE DISSIPATION	1 W
MAXIMUM CATHODE CURRENT	23 mA
Four-beam octode frequency converter	

CK3 is a four-beam octode frequency converter. The supplied Philips datasheet was read for heater data, operating characteristics, limiting ratings, and section-level electrical information.

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

OTHER		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Maximum screen dissipation	1 W	—
Maximum oscillator anode voltage	150 V	—
Maximum oscillator anode dissipation	1 W	—