

ELECTRONIC TUBE REFERENCE

CCH2

Voltage - Triode (with diode, heptode or hexode) electronic tube

CONSOLIDATED TECHNICAL DATA

2 SECTIONS
CONSTRUCTION
HEPTODE-TRIODE

Triode-heptode frequency-converter valve for superheterodyne receivers. The triode supplies local oscillation while the heptode performs mixing, with heater requirements adapted to series-string designs.

GENERAL CHARACTERISTICS

BASE DESIGNATION	—	BASE PINS	—
NOMINAL HEATER	29 V / 200 mA	PARALLEL HEATER	— / —
HEATING	Indirect	SERIES OPERATION	Not specified
CATHODE ARRANGEMENT	Separate cathodes	SECTION CONSTRUCTION	Dissimilar

SECTION RATINGS

SECTION1 Heptode	
MAXIMUM SCREEN VOLTAGE	125 V
Triode-heptode frequency converter	
SECTION2 Triode	
TRANSCONDUCTANCE	0.0055 S
AMPLIFICATION FACTOR	17.5
MAXIMUM PLATE VOLTAGE	300 V
MAXIMUM PLATE DISSIPATION	1 W
MAXIMUM CATHODE CURRENT	24 mA
Triode-heptode frequency converter	

CCH2 is a triode-heptode 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 · Heptode

CHARACTERISTIC		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Conversion transconductance	750 μ S	FrequencyConverter

1999 PHILIPS 0-D

Section 2 · Triode

OTHER		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Oscillator plate current	9.5 mA	V _a =100V

TUBE TINKER

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and their source documents.

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