

ELECTRONIC TUBE REFERENCE

DAC22

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

CONSOLIDATED TECHNICAL DATA

2 SECTIONS
CONSTRUCTION
DIODE-TRIODE

Directly heated diode-triode designed for low-frequency resistance-coupled amplification in battery-operated receiving equipment.

GENERAL CHARACTERISTICS

BASE DESIGNATION	—	BASE PINS	—
NOMINAL HEATER	1.2 V / 25 mA	PARALLEL HEATER	— / —
HEATING	Direct	SERIES OPERATION	Not specified
CATHODE ARRANGEMENT	Separate cathodes	SECTION CONSTRUCTION	Dissimilar

SECTION RATINGS

SECTION1 Diode	
No fixed ratings recorded.	
Directly heated diode-triode for LF resistance-coupled amplification	
SECTION2 Triode	
PLATE RESISTANCE	110000 Ω
TRANSCONDUCTANCE	0.0005 S
AMPLIFICATION FACTOR	40
Philips Miniwatt DAC22 directly heated diode-triode, triode section for resistance-coupled low-frequency amplification. Published typical triode values at 120 V plate voltage: amplification factor 40, transconductance approximately 0.5 mA/V, internal resistance 0.11 MΩ. These are characteristic test-point values, not maximum ratings.	

DAC22 is a directly heated diode-triode for lf resistance-coupled amplification. The supplied datasheet was read across its ratings, characteristics, operating information, and capacitance/deflection data where legible.



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 2 · Triode

OTHER		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Typical anode voltage	90 V	—
Maximum filament voltage	1.5 V	—

TUBE TINKER

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