



ELECTRONIC TUBE REFERENCE

C408

Voltage - Triode (single) electronic tube

CONSOLIDATED TECHNICAL DATA

1 SECTION

CONSTRUCTION

TRIODE

Triode designed for valve voltmeters and measuring instruments, with published operating and characteristic values for precision electronic measurement.

GENERAL CHARACTERISTICS

BASE DESIGNATION	—	BASE PINS	—
NOMINAL HEATER	4 V / 250 mA	PARALLEL HEATER	— / —
HEATING	Direct	SERIES OPERATION	Not specified
CATHODE ARRANGEMENT	Separate cathodes	SECTION CONSTRUCTION	Similar

SECTION RATINGS

SECTION 1 Triode	
PLATE RESISTANCE	3000 Ω
TRANSCONDUCTANCE	0.0027 S
AMPLIFICATION FACTOR	8
<i>Published operating point, characteristic values and capacitance column reviewed.</i>	

C408 is listed in the supplied valve table as a triode for valve voltmeters and measuring instruments. Published operating and characteristic values were transcribed from its target row.

SOURCE OPERATING CONDITIONS

[SOURCE PDF](#)

1938 Philips Miniwatt Vacuum Tube Catalog

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

1938 PHILIPS MINIWATT VACUUM TUBE CATALOG

Section 1 · Triode

OTHER		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Plate voltage	150 V	Published table operating point
Plate current	14 mA	Published table operating point
Control-grid bias	7 V	Published table operating point

CHARACTERISTIC		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Transconductance	2700000 μS	Published table characteristic
Amplification factor	8	Published table characteristic
Plate resistance	3000 ohm	Published table characteristic
Heater/filament voltage	4 V	Published heater/filament rating
Heater/filament current	250 mA	Published heater/filament rating