

ELECTRONIC TUBE REFERENCE

4104D

Power - Triode Single (under 10W) electronic tube

CONSOLIDATED TECHNICAL DATA

1 SECTION
CONSTRUCTION
TRIODE

Directly heated Standard Valves 4104-series triode; variants differ chiefly in filament treatment and grid-to-anode insulation rather than documented application.

GENERAL CHARACTERISTICS

BASE DESIGNATION	—	BASE PINS	4
NOMINAL HEATER	4.5 V / 1 A	PARALLEL HEATER	— / —
HEATING	Indirect	SERIES OPERATION	Not specified
CATHODE ARRANGEMENT	Separate cathodes	SECTION CONSTRUCTION	Similar

SECTION RATINGS

SECTION1 Triode	
PLATE RESISTANCE	2000 Ω
TRANSCONDUCTANCE	0.00115 S
AMPLIFICATION FACTOR	2.3
MAXIMUM PLATE VOLTAGE	190 V
MAXIMUM PLATE DISSIPATION	5 W
MAXIMUM CATHODE CURRENT	60 mA
Published ratings and characteristics promoted where directly established by the datasheet.	

Directly heated triode. 4104-D, -E, -G valves have similar characteristics. 4104-E valve has a filament designed to reduce sputter noise. 4104-G valve is similar to 4104-E but has anode lead brought out through the stem to increase the grid—anode insulatio



SOURCE OPERATING CONDITIONS

[SOURCE PDF](#)

1946 Standard Telephone and Cables

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

1946 STANDARD TELEPHONE AND CABLES

Section 1 · Triode

CHARACTERISTICS

PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Mutual conductance	1150 μ S	Published characteristic; normalized from mA/V

OTHER

PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Grid-anode capacity	59 pF	Published interelectrode capacitance
Anode-filament capacity	3.7 pF	Published interelectrode capacitance

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