ELECTRONIC TUBE REFERENCE

4104G

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	4.4 V / 970 mA	PARALLEL HEATER	— / —
HEATING	Direct	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	160 V
MAXIMUM PLATE DISSIPATION	5 W

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

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 µS**	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

Tube Tinker

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