



ELECTRONIC TUBE REFERENCE

4101D

Voltage - Triode (single) electronic tube

CONSOLIDATED TECHNICAL DATA

1 SECTION

CONSTRUCTION

TRIODE

Directly heated triode from the 4101-D/E/G family; related versions modify filament and lead construction to reduce sputter noise and grid-anode interaction.

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

SECTION 1 Triode	
PLATE RESISTANCE	6000 Ω
TRANSCONDUCTANCE	0.00107 S
AMPLIFICATION FACTOR	6
MAXIMUM PLATE VOLTAGE	190 V
MAXIMUM CATHODE CURRENT	12 mA
<i>Published ratings and characteristics promoted where directly established by the datasheet.</i>	

Directly heated triode. The 4101-D, -E, -G valves have similar characteristics. The 4101-E valve has the filament designed to reduce sputter noise. The 4101-G is similar to 4101-E but has the anode lead brought out through the stem to increase the grid-anode i

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	1070 μS	Published characteristic; normalized from mA/V

OTHER

PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Grid-filament capacity	5.5 pF	Published interelectrode capacitance
Maximum direct anode current	12 mA	Maximum safe operating rating