



ELECTRONIC TUBE REFERENCE

FP54

Voltage - Tetrode electronic tube

CONSOLIDATED TECHNICAL DATA

1 SECTION

CONSTRUCTION

TETRODE

Directly heated space-charge-grid electrometer tube for measuring extremely small direct currents. Its specialized grid arrangement provides very high input resistance for precision instrumentation.

GENERAL CHARACTERISTICS

BASE DESIGNATION	—	BASE PINS	—
NOMINAL HEATER	2.5 V / 90 mA	PARALLEL HEATER	— / —
HEATING	Direct	SERIES OPERATION	Not specified
CATHODE ARRANGEMENT	Separate cathodes	SECTION CONSTRUCTION	Similar

SECTION RATINGS

SECTION 1 Tetrode	
PLATE RESISTANCE	45000 Ω
TRANSCONDUCTANCE	0.00002 S
AMPLIFICATION FACTOR	0.9
Typical-operation sheet; no maximum plate rating printed.	

The FP54 is a space-charge-grid tube with very high input resistance and very low grid current for amplification and measurement of extremely small direct currents.



SOURCE OPERATING CONDITIONS

[SOURCE PDF](#)

1968 General Electric Co

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

1968 GENERAL ELECTRIC CO

Section 1 · Tetrode

CAPACITANCE

PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Interelectrode Capacitance	6 pF	—

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