ELECTRONIC TUBE REFERENCE

GE14501

Voltage - Triode (single high frequency) electronic tube

CONSOLIDATED TECHNICAL DATA
1 SECTION
CONSTRUCTION
TRIODE

Planar triode for high-frequency oscillator and amplifier service.

General characteristics

BASE DESIGNATION	—	**BASE PINS**	—
NOMINAL HEATER	6.3 V / 240 mA	**PARALLEL HEATER**	— / —
HEATING	Indirect	**SERIES OPERATION**	Not specified
CATHODE ARRANGEMENT	Separate cathodes	**SECTION CONSTRUCTION**	Similar

Section ratings

SECTION1 Triode	
TRANSCONDUCTANCE	0.0125 S
AMPLIFICATION FACTOR	90
MAXIMUM PLATE VOLTAGE	250 V
MAXIMUM PLATE DISSIPATION	2 W

Bogey average characteristics promoted. On pulsed-only sheets MaxPlateVoltage records the highest explicitly published peak positive-pulse plate-supply rating; pulse-duration conditions remain in parameters.

The GE14501 is a high-mu UHF oscillator or RF power amplifier for severe shock, vibration, and temperature.

SOURCE OPERATING CONDITIONS

1968 General Electric Co

SOURCE PDF

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

1968 GENERAL ELECTRIC CO

Section 1 · Triode

CHARACTERISTIC

PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Bogey Amplification Factor	**90**	—
Bogey Transconductance	**12500 uS**	—

OTHER

PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Maximum Plate/Supply Voltage	**250 V**	See source for CW/pulse-duration conditions
Maximum Plate Dissipation	**2 W**	—

Tube Tinker

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