

ELECTRONIC TUBE REFERENCE

GE17701

Power - Triode electronic tube

CONSOLIDATED TECHNICAL DATA

1 SECTION
CONSTRUCTION
TRIODE

Metal-ceramic planar triode designed for pulsed broadband microwave oscillator or amplifier service. Its compact low-inductance construction and high transconductance support operation into the multi-gigahertz region in professional pulse and communications systems.

GENERAL CHARACTERISTICS

BASE DESIGNATION	—	BASE PINS	—
NOMINAL HEATER	6.3 V / 1.26 A	PARALLEL HEATER	— / —
HEATING	Indirect	SERIES OPERATION	Not specified
CATHODE ARRANGEMENT	Separate cathodes	SECTION CONSTRUCTION	Similar

SECTION RATINGS

SECTION1 Triode	
TRANSCONDUCTANCE	0.026 S
AMPLIFICATION FACTOR	58
MAXIMUM PLATE VOLTAGE	3500 V
MAXIMUM PLATE DISSIPATION	30 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 GE17701 is a planar metal-ceramic triode for zero-bias long-life high-power plate-pulsed broadband amplifiers.



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 · Triode

CHARACTERISTIC		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Bogey Amplification Factor	58	—
Bogey Transconductance	26000 μS	—

OTHER		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Maximum Plate/Supply Voltage	3500 V	See source for CW/pulse-duration conditions
Maximum Plate Dissipation	30 W	—

TUBE TINKER

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and their source documents.

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