

ELECTRONIC TUBE REFERENCE

7077

Voltage - Triode (single) electronic tube

CONSOLIDATED TECHNICAL DATA
1 SECTION
CONSTRUCTION
TRIODE

Low-noise metal-ceramic planar triode amplifier covering approximately 30-1200 MHz.

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	
PLATE RESISTANCE	9000 Ω
TRANSCONDUCTANCE	0.01 S
AMPLIFICATION FACTOR	90
MAXIMUM PLATE VOLTAGE	250 V
MAXIMUM PLATE DISSIPATION	1.1 W
MAXIMUM CATHODE CURRENT	11 mA
Absolute maximum ratings and average characteristics promoted.	

Low-noise metal-ceramic planar triode amplifier covering approximately 30-1200 MHz.



SOURCE OPERATING CONDITIONS

[SOURCE PDF](#)

1958 Compagnie General

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

1958 COMPAGNIE GENERAL

Section 1 · Triode

CHARACTERISTIC		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Heater Voltage	6.3 V	—
Heater Current	240 mA	—
OperatingFrequencyMinimum	30 MHz	—
OperatingFrequencyMaximum	1200 MHz	—
NoiseService	Low noise	—



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
Power Gain	14.5 dB	GroundedGrid;450MHz
Noise Figure	5.5 dB	GroundedGrid;450MHz
Bandwidth	7.5 MHz	GroundedGrid;450MHz

TUBE TINKER

An independent reference for electronic tubes, vacuum tubes,
and their source documents.

