



ELECTRONIC TUBE REFERENCE

GL51064

Power - Tetrode (NOT beam) (over 1000V 100W) electronic tube

CONSOLIDATED TECHNICAL
DATA

1 SECTION
CONSTRUCTION
TETRODE

Forced-air-cooled metal-ceramic tetrode for VHF/UHF grounded-grid power amplification, capable of multi-kilowatt useful output in professional RF systems.

GENERAL CHARACTERISTICS

BASE DESIGNATION	—	BASE PINS	—
NOMINAL HEATER	5.7 V / 24 A	PARALLEL HEATER	— / —
HEATING	Indirect	SERIES OPERATION	Not specified
CATHODE ARRANGEMENT	Separate cathodes	SECTION CONSTRUCTION	Similar

SECTION RATINGS

SECTION1 Tetrode	
AMPLIFICATION FACTOR	17
MAXIMUM PLATE VOLTAGE	8000 V
MAXIMUM PLATE DISSIPATION	2750 W
MAXIMUM CATHODE CURRENT	700 mA
<i>VHF/UHF tetrode; highest applicable published plate-voltage and dissipation ratings promoted.</i>	

The GL-51064 is a forced-air-cooled metal-ceramic tetrode for VHF/UHF grounded-grid power-amplifier service, capable of multi-kilowatt useful output.



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

OTHER		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
DC Plate Current Maximum	700 mA	420MHz
Typical DC Plate Voltage	7500 V	420MHz
Air Flow at 2.75 kW Plate Dissipation	140 cfm	ForcedAir

CHARACTERISTIC		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Typical Power Output Useful	4000 W	GroundedGrid ClassC

TUBE TINKER

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