



ELECTRONIC TUBE REFERENCE

GL8513

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

CONSOLIDATED TECHNICAL
DATA

1 SECTION
CONSTRUCTION
TETRODE

GE metal-ceramic high-power tetrode for grounded-grid RF amplification and oscillation, with approximately 4 kW plate dissipation.

GENERAL CHARACTERISTICS

BASE DESIGNATION	—	BASE PINS	—
NOMINAL HEATER	6.7 V / 7 A	PARALLEL HEATER	— / —
HEATING	Indirect	SERIES OPERATION	Not specified
CATHODE ARRANGEMENT	Separate cathodes	SECTION CONSTRUCTION	Similar

SECTION RATINGS

SECTION1 Tetrode	
MAXIMUM PLATE VOLTAGE	8000 V
MAXIMUM PLATE DISSIPATION	4000 W
<i>Promoted fields mapped from printed ratings/characteristics headings; specialized published data retained in parameter rows.</i>	

Metal-and-ceramic high-power transmitting tetrode for grounded-grid RF amplifier or oscillator service.

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
6.7 7.0 Volts	4 Kw	.. - 6.7 7.0 Volts 4.0 Kw 135 CFM 2.8 In.
PublishedData	800 mA	 0.80 A mpere DC Plate

CHARACTERISTIC		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
DIAMETER A	-0.024 in	DIAMETER A-0.024 INCHES
OIAMETER B	0.024 in	OIAMETER B- 0.024 INCHES
DIAMETER C	0.03 in	DIAMETER C- 0.030 INCHES
DIAMETER D	0.05 in	DIAMETER D- 0.050 INCHES
DIAMETER E	0.05 in	DIAMETER E- 0.050 INCHES
1 0010"D	1 A	1 0010"D1A ANODE TERMINAL AND CONTROL-
1e- 2376 0010"	1 A	1e- 2376 0010" 1A ——=