



ELECTRONIC TUBE REFERENCE

GL7985

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

CONSOLIDATED TECHNICAL
DATA

1 SECTION
CONSTRUCTION
TETRODE

Water- and forced-air-cooled high-power UHF tetrode for grounded-grid RF amplifier or oscillator service. Combined cooling supports substantial transmitter 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	
AMPLIFICATION FACTOR	10
MAXIMUM PLATE VOLTAGE	5500 V
MAXIMUM PLATE DISSIPATION	3500 W
<i>Promoted fields mapped from printed ratings/characteristics headings; specialized published data retained in parameter rows.</i>	

Water- and forced-air-cooled high-power UHF 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
measured with respect to a centerline Diameter A	0.024 in	measured with respect to a centerline Diameter A - 0,024 inches