

ELECTRONIC TUBE REFERENCE

ZP1061

Voltage - Triode (single) electronic tube

CONSOLIDATED TECHNICAL DATA
1 SECTION
CONSTRUCTION
TRIODE

Heat-sink and forced-air-cooled triode with internal feedback for grid-pulsed L-band oscillator service.

GENERAL CHARACTERISTICS

BASE DESIGNATION	—	BASE PINS	—
NOMINAL HEATER	5 V / 2.4 A	PARALLEL HEATER	— / —
HEATING	Indirect	SERIES OPERATION	Not specified
CATHODE ARRANGEMENT	Separate cathodes	SECTION CONSTRUCTION	Similar

SECTION RATINGS

SECTION1 Triode	
MAXIMUM PLATE VOLTAGE	2500 V
MAXIMUM PLATE DISSIPATION	50 W
MAXIMUM CATHODE CURRENT	2 A
Grid-pulsed Class-C maximum plate ratings promoted; pulse current, grid voltage, pulse width and duty factor preserved as parameters.	

Heat-sink and forced-air-cooled triode with internal feedback for grid-pulsed oscillator service in L-band.



SOURCE OPERATING CONDITIONS

[SOURCE PDF](#)

1950 General Electric Transmitting Types

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

1950 GENERAL ELECTRIC TRANSMITTING TYPES

Section 1 · Triode

OTHER		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Heater Voltage	5 V	—
Heater Current	2.5 A	—

CHARACTERISTIC		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Service	Grid-pulsed Class C oscillator	L-band



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

OTHER		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Cathode Heating Time Minimum	1 min	—
Maximum Anode Temperature	250 C	—
Maximum Ceramic Temperature	200 C	—

PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
DC Plate Current Maximum During Pulse	2 A	ClassC;GridPulsed
DC Grid Voltage Maximum	-200 V	ClassC;GridPulsed
Pulse Width Maximum	10 us	ClassC;GridPulsed
Duty Factor Maximum	0.01	ClassC;GridPulsed
DC Plate Voltage	1750 V	GroundedGrid;ClassC;1090MHz;QuarterLambdaOutput
DC Plate Current During Pulse	1.25 A	GroundedGrid;ClassC;1090MHz;QuarterLambdaOutput
DC Grid Voltage	-80 V	GroundedGrid;ClassC;1090MHz;QuarterLambdaOutput
DC Grid Current During Pulse	750 mA	GroundedGrid;ClassC;1090MHz;QuarterLambdaOutput
Power Output During Pulse Useful	1000 W	GroundedGrid;ClassC;1090MHz;QuarterLambdaOutput
Pulse Width	0.5 us	GroundedGrid;ClassC;1090MHz;QuarterLambdaOutput
Duty Factor	0.01	GroundedGrid;ClassC;1090MHz;QuarterLambdaOutput

CAPACITANCE		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Input Capacitance	16 pF	—
Output Capacitance	4.3 pF	—

TUBE TINKER

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and their source documents.

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