

Metal-ceramic high-mu planar triode for RF amplifier service into the UHF range.

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	3000 Ω
TRANSCONDUCTANCE	0.010499999999999999 S
AMPLIFICATION FACTOR	94
MAXIMUM PLATE VOLTAGE	400 V
MAXIMUM PLATE DISSIPATION	1.1 W
MAXIMUM CATHODE CURRENT	11 mA
Promoted fields mapped by printed headings; additional data retained in parameters.	

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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

CHARACTERISTIC		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
HeaterOrFilamentVoltage	6.3 V	—
HeaterOrFilamentCurrent	240 mA	—



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
Heater Voltage, AC or DC+ - - 6.3%	0.3 V	Published datasheet line; semantic text-layer recovery
Heater Currentt	240 mA	Published datasheet line; semantic text-layer recovery
Grid to Heater and Cathode: g to (h + k)	1.8 pF	Published datasheet line; semantic text-layer recovery
Plate to Heater and Cathode: p to (h + k)	0.032 pF	Published datasheet line; semantic text-layer recovery
Heater to Cathode: (h to k)	1.5 pF	Published datasheet line; semantic text-layer recovery

PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Plate Voltage . : . _	250 V	Published datasheet line; semantic text-layer recovery
Peak Plate Voltage '	400 V	Published datasheet line; semantic text-layer recovery
Positive Peak and DC Grid-to-Cathode Voltage	0 V	Published datasheet line; semantic text-layer recovery
Plate Dissipation	1.1 W	Published datasheet line; semantic text-layer recovery
DC Cathode Current ' _	11 mA	Published datasheet line; semantic text-layer recovery
Heater Positive with Respect to Cathode , '	50 V	Published datasheet line; semantic text-layer recovery
Heatex Negative with Respect to Cathode '	50 V	Published datasheet line; semantic text-layer recovery
Plate Voltage	150 V	Published datasheet line; semantic text-layer recovery
Grid Voltage ' Co +	6 V	Published datasheet line; semantic text-layer recovery
Cathode-Bias Resistor	910 Ohm	Published datasheet line; semantic text-layer recovery
Plate Current	7.2 mA	Published datasheet line; semantic text-layer recovery
Ib = 100 Microamperes '	-2.2 V	Published datasheet line; semantic text-layer recovery
+ Heater current of a bogey tube at Ef =	6.3 V	Published datasheet line; semantic text-layer recovery
turned	90 deg	Published datasheet line; semantic text-layer recovery

CHARACTERISTIC		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Plate Resistance, approximate	3000 Ohm	Published datasheet line; semantic text-layer recovery
Transconductance _	10500 uS	Published datasheet line; semantic text-layer recovery

TUBE TINKER

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

