

ELECTRONIC TUBE REFERENCE

7391

Voltage - Triode (single high frequency) electronic tube

CONSOLIDATED TECHNICAL DATA
1 SECTION
CONSTRUCTION
TRIODE

Metal-ceramic planar triode for high-frequency electronic service.

GENERAL CHARACTERISTICS

BASE DESIGNATION	—	BASE PINS	—
NOMINAL HEATER	6.3 V / 380 mA	PARALLEL HEATER	— / —
HEATING	Indirect	SERIES OPERATION	Not specified
CATHODE ARRANGEMENT	Separate cathodes	SECTION CONSTRUCTION	Similar

SECTION RATINGS

SECTION1 Triode	
TRANSCONDUCTANCE	0.011 S
AMPLIFICATION FACTOR	4
MAXIMUM PLATE VOLTAGE	200 V
MAXIMUM PLATE DISSIPATION	2.25 W
Promoted only from clearly labeled printed ratings/characteristics; specialized and operating data retained in parameter rows.	

Metal-ceramic or planar triode.



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
grid, Class C oscillator at frequencies as high as 6000 megacycles.	6000 megacycles	Published datasheet; semantic line recovery
Heater Voltage, AC or DC* . . . 6.3±0.3 Volts Cooling - Conduction	0.3 Volts	Published datasheet; semantic line recovery
Heater Current* . . . « . . . + . . . 0.38 Amperes	0.38 Amperes	Published datasheet; semantic line recovery
Cathode Heating Time, minimum . . . 60 Seconds	60 Seconds	Published datasheet; semantic line recovery
Grid to Plate: (gtop) 1.58 pf	1.58 pf	Published datasheet; semantic line recovery
Plate Voltage. . . . e e e e e e e e 4 e e e e e e e .ow200 Volts	200 Volts	Published datasheet; semantic line recovery
Negative DC Grid Voltage e e e e e e e e e e 4 e+ a4 e e e & . 15 Volts	15 Volts	Published datasheet; semantic line recovery
Plate Dissipation . . « « « « « e e e+ e e e e e e e e e e 2.25 Watts	2.25 Watts	Published datasheet; semantic line recovery
DC Plate Current. . . . + . « + « « « + s+ e« e« 4 s e e = e e & + . 15 Milliamperes	15 Milliamperes	Published datasheet; semantic line recovery
DC Grid Current . . . + « ¢« & o + e« e . s e e e e e e <« . « . .30 Milliamperes	30 Milliamperes	Published datasheet; semantic line recovery
Grid Voltage « . « « ¢« &+ v v e 4 e s s e e e e e e e e e e e . -1.5 Volts	-1.5 Volts	Published datasheet; semantic line recovery

PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Transconductance. . . « .+ + + « & s s & s e e o « .« e« & s s+ . . 11000 Micromhos	11000 Micromhos	Published datasheet; semantic line recovery
Plate Current. . . « « « « o & o e« &+ s 4 e e e e e e e« s . . . 10 Milliamperes	10 Milliamperes	Published datasheet; semantic line recovery
Frequency« . .« . 500 1000 5400 Megacycles	5400 Megacycles	Published datasheet; semantic line recovery
Plate Voltage. .« .+ . +« « « o & &« o s« « o o o « + 150 150 150 Volts	150 Volts	Published datasheet; semantic line recovery
Plate Current. .« « v + v + o o o o e 4 e e e e . 12 12 12 Milliamperes	12 Milliamperes	Published datasheet; semantic line recovery
Grid Current . « « .+ .+ + + « « + s 4 o« 4« s+ s+ .« . 3.0 3.0 3.0 Milliamperes	3 Milliamperes	Published datasheet; semantic line recovery
Power OOutput« + &+ +« =+« +« + & + +« e« .« . b00 250 65 Milliwatts	65 Milliwatts	Published datasheet; semantic line recovery
Heater current of a bogey tube at Ef = 6.3 volts.	6.3 volts	Published datasheet; semantic line recovery
= 6.3 volts, Polarity of applied d-c interelectrode voltage	6.3 volts	Published datasheet; semantic line recovery
Grid to Cathode and Heater at 45 volts d=c 0.25 ---- - - - Megohms	45 volts	Published datasheet; semantic line recovery
Grid to Plate at 500 volts d=c « . .« . + « .+ .+ « . 5.0 --- - Megohms	500 volts	Published datasheet; semantic line recovery
Grid to Plate: (g top) « .« + +« « « + .+ .+ + « <« . 11.40 1.58 1.80 pf	1.8 pf	Published datasheet; semantic line recovery
Grid to Cathode and Heater: gto (b +k) 2.60 3.25 3.95 pf	3.95 pf	Published datasheet; semantic line recovery
Plate to Cathode and Heater: p to (b +%k) 0.010 0.0158 0.023 pf	0.023 pf	Published datasheet; semantic line recovery
Heater Voltage	6.3 V	Published datasheet
Heater Current	380 mA	Published datasheet