



ELECTRONIC TUBE REFERENCE

PJ7

Power - Triode electronic tube

CONSOLIDATED TECHNICAL DATA

1 SECTION

CONSTRUCTION

TRIODE

General Electric high-vacuum Plotron triode for amplification, relay, audio, and RF power service. Modest plate dissipation and several-hundred-volt operation make it an early general-purpose power device spanning low-frequency and radio-frequency circuits.

GENERAL CHARACTERISTICS

BASE DESIGNATION	—	BASE PINS	—
NOMINAL HEATER	4.5 V / 1.1 A	PARALLEL HEATER	— / —
HEATING	Direct	SERIES OPERATION	Not specified
CATHODE ARRANGEMENT	Separate cathodes	SECTION CONSTRUCTION	Similar

SECTION RATINGS

SECTION1 Triode	
MAXIMUM PLATE VOLTAGE	350 V
MAXIMUM PLATE DISSIPATION	10 W
MAXIMUM CATHODE CURRENT	40 mA

High-vacuum Plotron triode for amplification, relay, audio and RF power 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 · Triode

OTHER		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
D-cplate voltage . . 350	350 V	Published datasheet value; semantic OCR text extraction.
Plate dissipation AU	7.5 W	Published datasheet value; semantic OCR text extraction.
D-c plate current . L	2.8 mA	Published datasheet value; semantic OCR text extraction.
D-c plate current. . . . 32	35 mA	Published datasheet value; semantic OCR text extraction.
R-fgrid current . . e e	2.5 A	Published datasheet value; semantic OCR text extraction.
Plate dissipation 9	10 W	Published datasheet value; semantic OCR text extraction.
D-c plate voltage . 300	300 V	Published datasheet value; semantic OCR text extraction.
D-cgrid voltage . -40 -	100 V	Published datasheet value; semantic OCR text extraction.
D-c plate current . 35	40 mA	Published datasheet value; semantic OCR text extraction.
D-c grid current, 8pProX. . . . oottt e e e 8	15 mA	Published datasheet value; semantic OCR text extraction.
R-f grid current	2 A	Published datasheet value; semantic OCR text extraction.
D-cgrid voltage e -25 -	100 V	Published datasheet value; semantic OCR text extraction.
D-cplate current 35	40 mA	Published datasheet value; semantic OCR text extraction.
D-c grid current, apProX o ot it e e e 5	15 mA	Published datasheet value; semantic OCR text extraction.

PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
R-f grid current	3 A	Published datasheet value; semantic OCR text extraction.

TUBE TINKER

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