

ELECTRONIC TUBE REFERENCE

7994

Voltage - Triode (single) electronic tube

CONSOLIDATED TECHNICAL DATA
1 SECTION
CONSTRUCTION
TRIODE

High-transconductance subminiature triode designed for wideband amplifier stages.

GENERAL CHARACTERISTICS

BASE DESIGNATION	—	BASE PINS	—
NOMINAL HEATER	6.3 V / 300 mA	PARALLEL HEATER	— / —
HEATING	Indirect	SERIES OPERATION	Not specified
CATHODE ARRANGEMENT	Separate cathodes	SECTION CONSTRUCTION	Similar

SECTION RATINGS

SECTION1 Triode	
PLATE RESISTANCE	25000 Ω
TRANSCONDUCTANCE	0.018 S
AMPLIFICATION FACTOR	43
MAXIMUM PLATE VOLTAGE	200 V
Published maximum ratings and characteristics promoted from approved source.	

High-transconductance subminiature triode for wideband amplifier stages.

SOURCE OPERATING CONDITIONS

[SOURCE PDF](#)

1938 Raytheon

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

1938 RAYTHEON

Section 1 · Triode

OTHER		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
HeaterVoltageNominal	6.3 V	Nominal
HeaterCurrentNominal	300 mA	Nominal
Maximum Plate Voltage	200 V	—

CHARACTERISTIC		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Transconductance	18000 μS	Typical
Amplification Factor	43	Typical
Plate Resistance	25000 ohm	Typical

TUBE TINKER

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and their source documents.

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