



ELECTRONIC TUBE REFERENCE

5968

Voltage - Dual Triode (similar high frequency) electronic tube

CONSOLIDATED TECHNICAL DATA

2 SECTIONS

CONSTRUCTION

TRIODE-TRIODE

Directly heated subminiature high-mu twin triode designed for push-pull mixer service in the VHF range, providing compact high-frequency frequency-conversion capability.

GENERAL CHARACTERISTICS

BASE DESIGNATION	—	BASE PINS	—
NOMINAL HEATER	1.25 V / 120 mA	PARALLEL HEATER	— / —
HEATING	Direct	SERIES OPERATION	Not specified
CATHODE ARRANGEMENT	Separate cathodes	SECTION CONSTRUCTION	Similar

SECTION RATINGS

SECTION1 Triode	
TRANSCONDUCTANCE	0.0013 S
AMPLIFICATION FACTOR	50
MAXIMUM CATHODE CURRENT	4 mA
<i>Published maximum ratings and characteristics promoted from the approved source; repeated identical sections compressed where applicable.</i>	

SECTION2 Triode	
TRANSCONDUCTANCE	0.0013 S
AMPLIFICATION FACTOR	50
MAXIMUM CATHODE CURRENT	4 mA
<i>Second physical triode section; electrically identical twin section.</i>	

Directly heated subminiature high-mu dual triode for push-pull mixer service in the VHF range.

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	1.25 V	Nominal
HeaterCurrentNominal	120 mA	Nominal
Maximum Cathode Current	4 mA	—

CHARACTERISTIC		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Transconductance	1300 μ S	Typical
Amplification Factor	50	Typical

TUBE TINKER

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and their source documents.

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