



ELECTRONIC TUBE REFERENCE

6533WA

Voltage - Triode (single) electronic tube

CONSOLIDATED TECHNICAL DATA

1 SECTION

CONSTRUCTION

TRIODE

Rugged high-mu low-microphonic subminiature triode for reliable voltage amplification under severe military vibration and shock.

GENERAL CHARACTERISTICS

BASE DESIGNATION	—	BASE PINS	—
NOMINAL HEATER	6.3 V / 200 mA	PARALLEL HEATER	— / —
HEATING	Indirect	SERIES OPERATION	Not specified
CATHODE ARRANGEMENT	Separate cathodes	SECTION CONSTRUCTION	Similar

SECTION RATINGS

SECTION 1 Triode	
PLATE RESISTANCE	30860 Ω
TRANSCONDUCTANCE	0.00175 S
AMPLIFICATION FACTOR	54
MAXIMUM PLATE VOLTAGE	150 V
MAXIMUM PLATE DISSIPATION	0.5 W
MAXIMUM CATHODE CURRENT	2.5 mA
<i>Published maximum ratings and typical characteristics promoted from the approved source; identical repeated sections compressed where applicable.</i>	

High-mu low-microphonic subminiature triode for reliable voltage amplification in severe military vibration and shock environments.

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	200 mA	Nominal
Maximum Plate Voltage	150 V	—
Maximum Plate Dissipation	0.5 W	—
Maximum Cathode Current	2.5 mA	—

CHARACTERISTIC		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Transconductance	1750 μS	Typical
Amplification Factor	54	Typical