

ELECTRONIC TUBE REFERENCE

R242P

Voltage - Triode (single high frequency) electronic tube

CONSOLIDATED TECHNICAL DATA

1 SECTION

CONSTRUCTION

TRIODE

Subminiature high-frequency oscillator triode for very-short-wave operation.

GENERAL CHARACTERISTICS

BASE DESIGNATION	—	BASE PINS	—
NOMINAL HEATER	6.8 V / 150 mA	PARALLEL HEATER	— / —
HEATING	Indirect	SERIES OPERATION	Not specified
CATHODE ARRANGEMENT	Separate cathodes	SECTION CONSTRUCTION	Similar

SECTION RATINGS

SECTION1 Triode	
PLATE RESISTANCE	400 Ω
TRANSCONDUCTANCE	0.0425 S
AMPLIFICATION FACTOR	147
MAXIMUM PLATE VOLTAGE	165 V
MAXIMUM PLATE DISSIPATION	8 W
Published ratings and characteristics promoted from the approved source.	

Subminiature high-frequency oscillator triode for very-short-wave operation.

SOURCE OPERATING CONDITIONS

[SOURCE PDF](#)

1953 La Radiotechnique

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

1953 LA RADIOTECHNIQUE

Section 1 · Triode

OTHER		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
HeaterVoltageNominal	6.8 V	Nominal
HeaterCurrentNominal	150 mA	Nominal
Maximum Plate Voltage	165 V	—
Maximum Plate Dissipation	8 W	—

CHARACTERISTIC		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Transconductance	42500 μ S	Typical
Amplification Factor	147	Typical
Plate Resistance	400 ohm	Typical