



ELECTRONIC TUBE REFERENCE

5885

Voltage Pentode or Tetrode (under 100V) electronic tube

CONSOLIDATED TECHNICAL DATA

2 SECTIONS

CONSTRUCTION

TETRODE-TETRODE

Directly heated subminiature double-tetrode electrometer tube designed for extremely low-current measurement circuits.

GENERAL CHARACTERISTICS

BASE DESIGNATION	—	BASE PINS	8
NOMINAL HEATER	1.25 V / 20 mA	PARALLEL HEATER	— / —
HEATING	Direct	SERIES OPERATION	Not specified
CATHODE ARRANGEMENT	Separate cathodes	SECTION CONSTRUCTION	Similar

SECTION RATINGS

SECTION1 Tetrode	
TRANSCONDUCTANCE	0.00016 S
AMPLIFICATION FACTOR	2.4
MAXIMUM PLATE VOLTAGE	22.5 V
MAXIMUM CATHODE CURRENT	0.3 mA
Published maximum ratings and characteristics promoted from the approved source; repeated identical sections compressed where applicable.	

SECTION2 Tetrode	
TRANSCONDUCTANCE	0.00016 S
AMPLIFICATION FACTOR	2.4
MAXIMUM PLATE VOLTAGE	22.5 V
MAXIMUM CATHODE CURRENT	0.3 mA
Second physical tetrode section restored under one-row-per-physical-section policy; identical to section 1.	

Directly heated double-tetrode electrometer tube for very-low-current measurement circuits.

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 · Tetrode

OTHER		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
HeaterVoltageNominal	1.25 V	Nominal
HeaterCurrentNominal	20 mA	Nominal
Maximum Plate Voltage	22.5 V	—
Maximum Cathode Current	0.3 mA	—

CHARACTERISTIC		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Transconductance	160 μ S	Typical
Amplification Factor	2.4	Typical