



ELECTRONIC TUBE REFERENCE

8458

Voltage Dual Tetrode electronic tube

CONSOLIDATED TECHNICAL DATA

2 SECTIONS

CONSTRUCTION

TETRODE-TETRODE

Single-ended twin tetrode designed for mobile Class-C RF amplification, oscillation, and frequency multiplication to approximately 200 MHz.

GENERAL CHARACTERISTICS

BASE DESIGNATION	—	BASE PINS	9
NOMINAL HEATER	6.75 V / 760 mA	PARALLEL HEATER	— / —
HEATING	Indirect	SERIES OPERATION	Not specified
CATHODE ARRANGEMENT	Separate cathodes	SECTION CONSTRUCTION	Similar

SECTION RATINGS

SECTION1 Tetrode	
MAXIMUM PLATE VOLTAGE	450 V
MAXIMUM SCREEN VOLTAGE	200 V
MAXIMUM PLATE DISSIPATION	10 W
MAXIMUM SCREEN DISSIPATION	1 W
MAXIMUM CATHODE CURRENT	110 mA
Representative row for two electrically identical tetrode sections.	

SECTION2 Tetrode	
MAXIMUM PLATE VOLTAGE	450 V
MAXIMUM SCREEN VOLTAGE	200 V
MAXIMUM PLATE DISSIPATION	10 W
MAXIMUM SCREEN DISSIPATION	1 W
<i>Second physical tetrode section; added to align rows with SectionCount.</i>	

Single-ended twin tetrode for mobile Class C amplifier, oscillator and frequency-multiplier service to 200 Mc.

SOURCE OPERATING CONDITIONS

[SOURCE PDF](#)

1953 Amperex

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

1953 AMPEREX

Section 1 · Tetrode

CAPACITANCE		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Output Capacitance	1.7 pF	Published direct interelectrode capacitance
Input Capacitance	54 pF	Published direct interelectrode capacitance