



ELECTRONIC TUBE REFERENCE

FU7

Power - Tetrode (NOT beam) electronic tube

CONSOLIDATED TECHNICAL DATA

1 SECTION

CONSTRUCTION

TETRODE

Power tetrode designed for RF or AF power amplification, frequency multiplication, oscillation, and plate modulation. A versatile transmitter-class power device.

GENERAL CHARACTERISTICS

BASE DESIGNATION	—	BASE PINS	—
NOMINAL HEATER	6.3 V / 900 mA	PARALLEL HEATER	— / —
HEATING	Indirect	SERIES OPERATION	Not specified
CATHODE ARRANGEMENT	Separate cathodes	SECTION CONSTRUCTION	Similar

SECTION RATINGS

SECTION 1 Tetrode	
MAXIMUM PLATE VOLTAGE	600 V
MAXIMUM SCREEN VOLTAGE	300 V
MAXIMUM PLATE DISSIPATION	25 W
MAXIMUM SCREEN DISSIPATION	3.5 W
<i>Published limits promoted from translated source.</i>	

Power tetrode for RF/AF power amplification, frequency multiplication, oscillation, and plate modulation.

SOURCE OPERATING CONDITIONS

[SOURCE PDF](#)

198X Shuguang

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

198X SHUGUANG

Section 1 · Tetrode

OTHER		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
HeaterVoltageNominal	6.3 V	Nominal
HeaterCurrentNominal	900 mA	Nominal
Maximum Plate Voltage	600 V	—
Maximum Screen Voltage	300 V	—
Maximum Plate Dissipation	25 W	—
Maximum Screen Dissipation	3.5 W	—