



ELECTRONIC TUBE REFERENCE

EM6

Voltage - Dual Tetrode electronic tube

CONSOLIDATED TECHNICAL DATA

2 SECTIONS

CONSTRUCTION

TETRODE-TETRODE

Russian dual tetrode documented in technical reference literature; available source does not clearly establish a narrower specialized functional role.

GENERAL CHARACTERISTICS

BASE DESIGNATION	—	BASE PINS	8
NOMINAL HEATER	— / 75 mA	PARALLEL HEATER	— / —
HEATING	Indirect	SERIES OPERATION	Not specified
CATHODE ARRANGEMENT	Separate cathodes	SECTION CONSTRUCTION	Similar

SECTION RATINGS

SECTION1 Tetrode

No fixed ratings recorded.

Filename-matched Russian entry only.

SECTION2 Tetrode

No fixed ratings recorded.

Second physical tetrode section; added to align rows with SectionCount without unsupported electrical promotion.

Dual tetrode vacuum tube described in the Russian reference source. Technical description is translated to English from the complete filename-matched entry.

SOURCE OPERATING CONDITIONS

[SOURCE PDF](#)

1981 Russian Tubes Katsnelson and Larionov

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

1981 RUSSIAN TUBES KATSNELSON AND LARIONOV

Section 1 · Tetrode

CHARACTERISTICS		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Heater current	8 mA	Translated from Russian source; Ток накала . э яа звеев , (75-≈8) мА
Plate current	7517 mA	Translated from Russian source; Ток анода каждого тетрода , ... , , 7517 мкА
Transconductance	25 mA/V	Translated from Russian source; Крутизна характеристики каждого тетрода . . , +25 мкА /В
Amplification factor	1	Translated from Russian source; Коэффициент усиления , 1,1
Capacitance	1.8 pF	Translated from Russian source; Емкость входная . . . , ке , . , 1,8 пФ
Transconductance	20 mA/V	Translated from Russian source; крутизна характеристики каждого тетрода . — >20 мкА/В

OTHER		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Service life	500 h	Translated from Russian source; Нарботка , .к. , 500 ч
Heater voltage	50.4 V	Translated from Russian source; Напряжение накала , , (4,5-50,4) В
Plate voltage	0 V	Translated from Russian source; Напряжение анода . . э оз во ов ь о (5--0,