

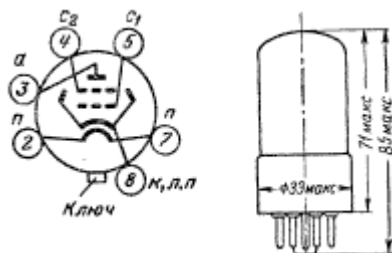
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6P6S**(6n6C)****General**

Tetrode, used in output stages of low frequency amplifiers.

Envelope: glass, with octal base.

Mass 38 g.

Lead diagram**General characteristics:**

Filament voltage, Volt	6.3
Anode voltage, Volt	250
1 st grid voltage, Volt	-12.5
2 nd grid voltage, Volt	250

Filament (heater) current, mA	475±40
Anode current, mA	46±13
2 nd grid current, mA	no more than 7.5
1 st grid reverse current, mA	£ 2
Mutual conductance, mA/V	3 to 5.2
Output power, W	no less than 3.6
Internal resistance, kΩ	5.2
Inter electrode capacitance, pF:	
input	9.5±1.6
output	3.8 to 9.2
transfer	no more than 0.9
Operation time, h	³ 1000

Limited operating values:

Filament voltage, V	5,7-6.9
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Anode voltage, V	350
2 nd grid voltage, V	310
Cathode - heater voltage, V	180
Anode dissipation, W	13.2
2 nd grid dissipation, W	2.2
Resistance in 1 st grid circuit, k Ω	500

Operating environmental conditions :

Acceleration of vibration loads, g	2.5
by frequencies, Hz	50
Ambient temperature, °C	-60 to +70
Relative humidity at up to 40°C, %	98

Plate and plate-grid curves

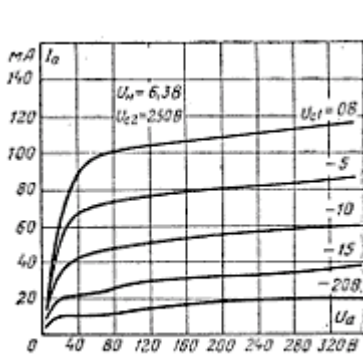


Plate curves

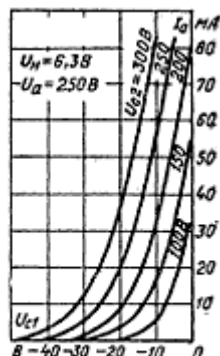


Plate-grid curves