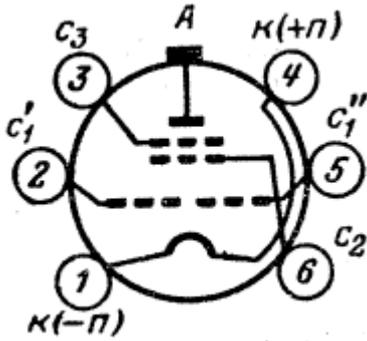


1J37b



Multi-purpose pentode (with two control grid) for HF amplification, generation and transformation.
Envelope: sub-miniature, glass.
Mass 4 g.

General characteristics:

Type	1J37b
Filament voltage, Volt	1,2
Anode voltage, Volt	45
2 nd grid voltage, Volt	45
1 ^{st 1} grid voltage, Volt	0
1 ^{st 2} grid voltage, Volt	0

Type	1J37b
Filament (heater) current, mA	59±7
Anode current, mA	2,55±0.85
2 nd grid current, mA	≤0,5
Reverse 1 st grid current, mkA	≤0,1
Mutual conductance (grid 1 ¹ =1 ²), mA/V	1,25
Mutual conductance (each grid), mA/V	0,63
Equivalent noise resistance, kOhm	≤7
Vibration noise (by R _A =5 KOhm), mV	≤60
Inter electrode capacitance, pF: input	2,25
output	2,7
transfer	≤0,008
Operation time, h	5000

Limited operating values:

Type	1J37b
Filament voltage, V	1,08 to 1,32
Anode voltage, V	100
2 nd grid voltage, V	60
Cathode current, mA	4,5
Resistance in 1 st grid circuit, MOhm	1
Tube temperature, °C	125

Operating environmental conditions :

Type	1J37b
Acceleration of vibration loads, g	10
by frequencies, Hz	5 to 600
Acceleration of multiple impacts, g	150
Acceleration of single impact, g	500
Continuos acceleration, g	100
Ambient temperature, °C	-60 to +140
Relative humidity at up to 40°C, %	98

