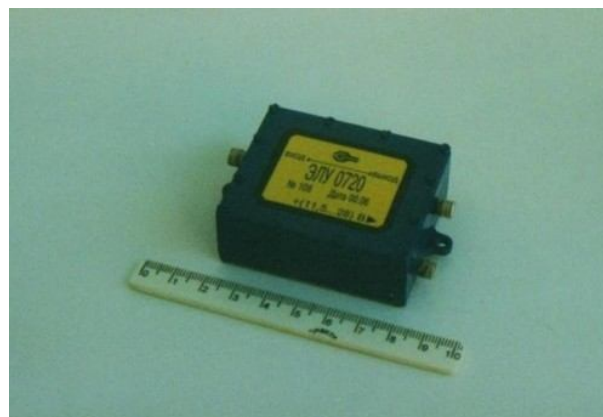


Specifications

- **Working Frequency Range** 0,7 – 2,0 GHz
- **Gain** 23 - 30 dB
- **Noise figure** 2,2 dB
- **Gain flatness** 2,1 dB
- **P₁ dB output** 8 dBm
- **VSWR input/output max.** 1,7/1,7
- **Power supply** +12 V 50 mA



The broadband microwave amplifier ELU 0720 is a complete functional unit that provides amplification of the input signal in a wide frequency band. It is made in a sealed enclosure. The unit has low noise figure.

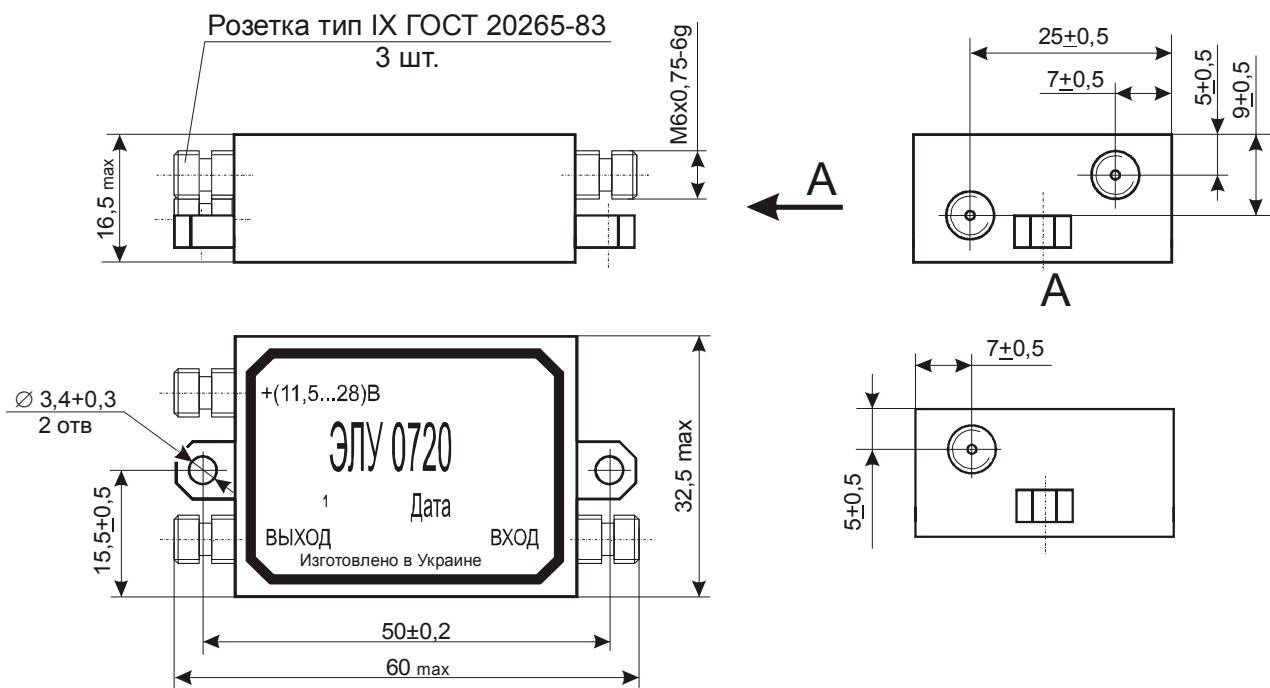
Maximum allowable operating conditions

Parameter	Unit of measurement	Value
Working frequency range	MHz	700 - 2000
Maximum allowable input power	mW	50
Supply voltage (positive)	V	11,5 - 28
Supply voltage ripple	%	5
Ambient temperature	°C	-50...+60

Main specifications

Parameter, units of measurement	Value		
	min.	typical	max.
Power gain, dB	23,0	—	30,0
Power gain flatness over working frequency range, dB	—	2,1	2,5
Noise figure, dB	—	2,2	2,5
VSWR input/output	—	1,7	2,0
P ₁ dB output, dBm	7	8	—
Supply voltage, V	11,5	12	28
Current consumption, mA	—	—	50

Outline drawing



Для сочленения со входом, выходом и входом питания применять вилку тип IX ГОСТ 20265-83.