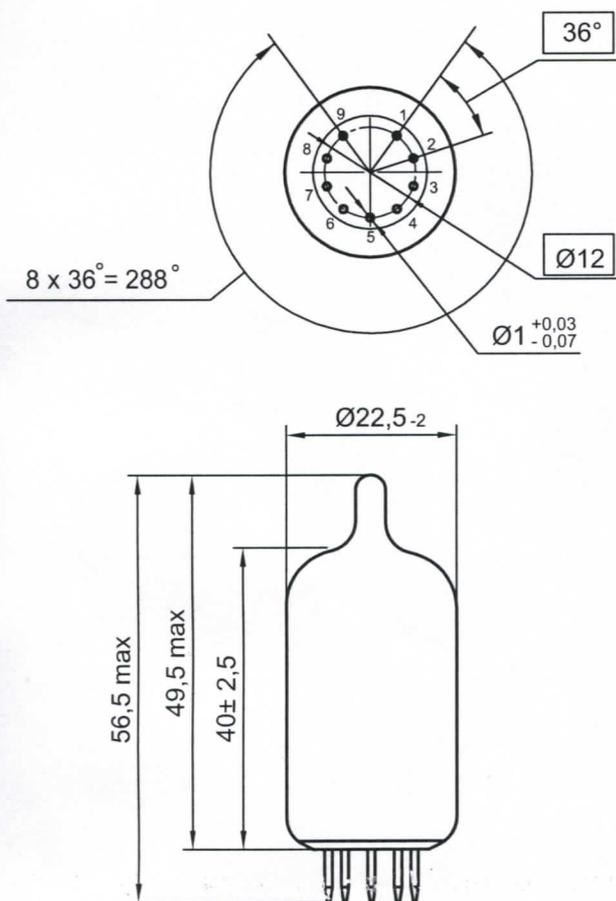
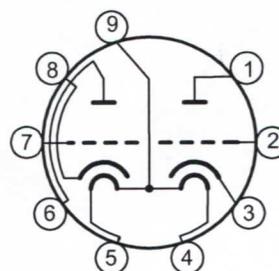


Pin arrangement



Electrode -to - lead connection diagram



Lead designation	Name of electrode
1	Second triode plate
2	Second triode grid
3	Second triode cathode
4,5,9	Heater
6	First triode plate
7	First triode grid
8	First triode cathode

Electrical parameters

Parameters, conditions and units	Nominal	
	min	max
Heater current, mA at: filament voltage 6,3 V at: filament voltage 12,6 V	320 160	365 183
Grid back current, μA , (at: filament voltage 6,3 V or 12,6 V, plate voltage 250 V, grid voltage minus 2,0 V, resistance in grid circuit 1,0 M Ω)	—	0,2
Plate current, mA, (at: filament voltage 6,3 V or 12,6 V, plate voltage 250 V, grid voltage minus 2,0 V)	1,05	2,1
First and second triodes plate current difference, % (at: filament voltage 6,3 V or 12,6 V, plate voltage 250 V, grid voltage minus 2,0 V)	—	± 15
Plate current at the beginning of the characteristic, μA (at: filament voltage 6,3 V or 12,6 V, plate voltage 250 V, grid voltage minus 4,5 V,	—	30
Slope of characteristic, mA/V (at: filament voltage 6,3 V or 12,6 V, plate voltage 250 V, grid voltage minus 2,0 V)	1,4	—
Amplification factor (at: filament voltage 6,3 V or 12,6 V, plate voltage 250 V, grid voltage minus 2,0 V)	83	—
Cathode - heater insulation resistance, M Ω (at: filament voltage 6,3 V or 12,6 V, cathode -heater voltage ± 200 V)	20	—

Maximum permissible operating conditions

Parameters, units	Nominal	
	min	max
Filament voltage, V for parallel connection for series connection	6 12	6,6 13,2
Plate voltage, V	—	330
Cathode - heater voltage, V	—	± 200
Cathode current, mA	—	9
Power dissipation at the plate of each triode, W	—	1,2
Grid circuit resistance for each of the triodes, M Ω fixed bias self - bias	— —	1,0 2,2