

# 6P15P, 6P15P-V, 6P15P-EV

## 6n15n, 6n15n-B, 6n15n-EB

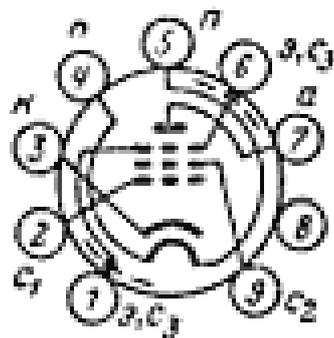
### General

**Pentode** for output stages of high frequency amplifiers.

Envelope: miniature, glass.

Mass 20 g.

### Lead diagram



### General characteristics:

Type	6P15P	6P15P-V	6P15P-EV
Filament voltage, Volt	6.3	6.3	6.3
Anode voltage, Volt	300	300	300
2 <sup>nd</sup> grid voltage, Volt	150	150	150
Resistance in cathode circuit, Ohm	70	70	70

Type	6P15P	6P15P-V	6P15P-EV
Filament (heater) current, mA	760±60	760±60	760±60
Anode current, mA	30±8	30±8	30±8
2 <sup>nd</sup> grid current, mA	4.5	4.5	4.5
Reverse 1 <sup>st</sup> grid current, mkA	≤ 1	≤ 0.7	≤ 0.2
Mutual conductance, mA/V	15	14.7	14.7
Internal resistance, Kohm	100	100	100
Interelectrode capacitance, pF: input	13.5±2	14.5±2	14.5±2
output	7±1.5	7±1.5	7±1.5
transfer	≤ 0.07	≤ 0.08	≤ 0.08
Operation time, h	3000	1000	5000

## Limited operating values:

Type	6P15P	6P15P-V	6P15P-EV
Filament voltage, V	5,7-6.9	5,7-7	5,7-7
Anode voltage, V	330	330	330
2 <sup>nd</sup> grid voltage, V	330	330	330
Cathode - heater voltage, V	100	200	200
Cathode current, mA	65	65	65
Anode dissipation, W	12	12	12
2 <sup>nd</sup> grid dissipation, W	1.5	1.5	1.5
Resistance in 1 <sup>st</sup> grid circuit, MOhm	1	1	1

## Operating environmental conditions :

Type	6P15P	6P15P-V	6P15P-EV
Acceleration of vibration loads, g	2.5	6	6
by frequencies, Hz	50	50	50
Acceleration of multiple impacts, g	35	150	150
Acceleration of single impact, g	--	300	300
Continious acceleration, g	--	100	100
Ambient temperature, °Ñ	-60 to +70	-60 to +70	-60 to +70
Relative humidity at up to 40°C, %	98	98	98

## Plate-grid and plate curves

