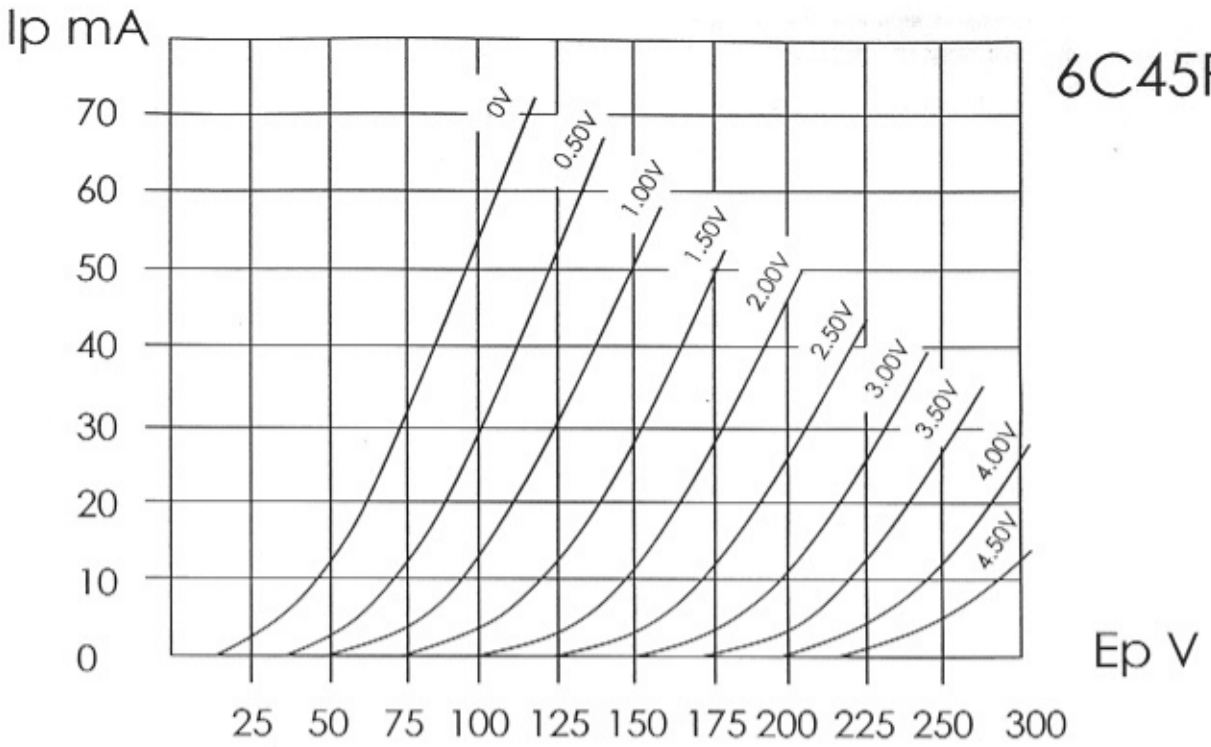
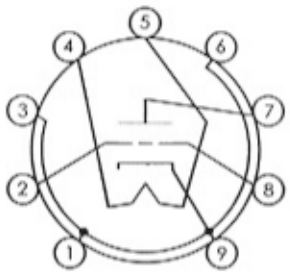
# 6C45P




The 6C45P (6S45P in the western alphabet) is a high mu triode with a very high transconductance, incredible linearity, very low noise, and low plate resistance.
This amazing tube will excel in small signal applications, as well as a driver, or anywhere really precise performance is required.




| Pin # | description |
|---|---|
| 1,3,6,9 | cathode |
| 2,8 | grid |
| 4,5 | heater |
| 7 | plate |
| | |
| | |
| | |

| Electrical Data | |
|---|---|
| Heater Voltage, not less than | 6.0 |
| Heater Voltage, not more than | 6.6 |
| Heater Current | 440 mA +/-30 mA |
| Plate Voltage, not more than | 150 V |
| Heater to Cathode Voltage: | |
| positive, V not more than | 100 V |
| negative, V not less than | 200 V |
| Plate Current, not more than | 52 mA |
| Plate Dissipation, each triode, not more than | 7.8 W |
| Maximum grid circuit resitance: | |
| fixed bias, not more than | 0.15 Mohm |
| self bias, not more than | 0.15 Mohm |
| Inter-electrode Capacitances: | |
| C, grid to plate | 1.1 pF |
| C, grid to cathode and heater | |
| C, plate to cathode and heater | 1.9 pF |
| C, cathode to heater | 5.0 nF (nominal) |
| Measured Electrical minima: | |
| Grid reverse current, not more than (see note below) | 0.3 uA |
| Plate current, not less than | 40 mA +/- 12 mA |
| | |
| Transconductance, not less than | 45 mA/V |
| Amplification Factor | 52 +/-16 |
| | |

NOTE: heater V, 6.3vdc; plate V, 150v; grid bias, -1.5v; grid circuit resistance, 1K ohm