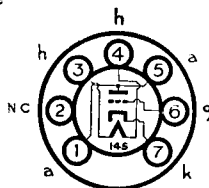


B7G Base

Current Equipment Type

TYPE 6C4
MINIATURE
H.F. POWER
TRIODE



As oscillator or power amplifier, type 6C4 will operate efficiently at frequencies up to 150 Mc/s.

RATINGS

| | | | | | |
|-------------------|-----|-----|-----|-----|----------------|
| Heater Voltage | ... | ... | ... | ... | 6.3 volts |
| Heater Current | ... | ... | ... | ... | 0.15 amp. |
| Anode Voltage | ... | ... | ... | ... | 300 volts max. |
| Anode Current | ... | ... | ... | ... | 25 mA max. |
| Anode Dissipation | ... | ... | ... | ... | 3.5 watts max. |
| Grid Current | ... | ... | ... | ... | 8.0 mA max. |

OPERATING CHARACTERISTICS

Class A

| | | | | | | | |
|----------------------|-----|-----|-----|-----|-------|-------|-------|
| Anode Voltage | ... | ... | ... | ... | 100 | 250 | volts |
| Anode Current | ... | ... | ... | ... | 11.8 | 10.5 | mA |
| Grid Voltage | ... | ... | ... | ... | 0 | -8.5 | volts |
| Anode Impedance | ... | ... | ... | ... | 6,250 | 7,700 | ohms |
| Mutual Conductance | ... | ... | ... | ... | 3.1 | 2.2 | mA/V |
| Amplification Factor | ... | ... | ... | ... | 19 | 17 | |

Class C Telegraphy

| | | | | | | |
|---------------------|-----|-----|-----|-----|-----|------------|
| Anode Voltage | ... | ... | ... | ... | ... | 300 volts |
| Anode Current | ... | ... | ... | ... | ... | 25 mA |
| Grid Voltage | ... | ... | ... | ... | ... | -27 volts |
| Grid Current (D.C.) | ... | ... | ... | ... | ... | 7.0 mA |
| Input Power | ... | ... | ... | ... | ... | 0.35 watt |
| Output Power | ... | ... | ... | ... | ... | 5.5 watts* |

* Approximately 2.5 watts at 150 Mc/s.

INTER-ELECTRODE CAPACITANCES

| | | | | | with shield | without shield |
|---------------|-----|-----|-----|-----|-------------|----------------|
| Input ... | ... | ... | ... | ... | 1.8 | 1.8 pF |
| Output | ... | ... | ... | ... | 2.5 | 1.3 pF |
| Grid to Anode | ... | ... | ... | ... | 1.4 | 1.6 pF |

For characteristic curves refer to type 12AU7.

Type 6C4 is a commercial equivalent of the CV133.