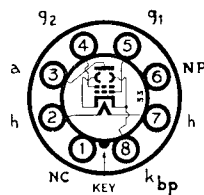


Replacement Type
TYPE 12A6
 (OCTAL BASE)
 OUTPUT BEAM
 TETRODE



The BRIMAR type 12A6 is an indirectly heated output beam tetrode of high efficiency for use in car radio or A.C./D.C. receivers, where the supply exceeds 110 volts.

RATINGS

| | | | | | | | |
|----------------|-----|-----|----------------|--------------------------|-----|-----|----------------|
| Heater Voltage | ... | ... | 12.6 volts | Anode Dissipation | ... | ... | 7.5 watts max. |
| Heater Current | ... | ... | 0.15 amp. | Screen (g_2) Voltage | ... | ... | 250 volts max. |
| Anode Voltage | ... | ... | 250 volts max. | Screen Dissipation | ... | ... | 1.5 watts max. |

OPERATING CHARACTERISTICS (CLASS "A")

| | | | | | | | | | |
|--------------------------------|-----|-----|------|-------|-------|---------------------|--------|--------|-----------|
| Anode Voltage | ... | ... | 180 | 250 | volts | Anode Impedance | 92,000 | 70,000 | ohms |
| Anode Current | ... | ... | 21 | 30 | mA | Mutual Conductance | 2.7 | 3.0 | mA/V |
| Screen Voltage | ... | ... | 180 | 250 | volts | Optimum Load | 8,000 | 7,500 | ohms |
| Screen Current | ... | ... | 2.6 | 3.5 | mA | Power Output | 1.6 | 3.4 | watts |
| Control Grid (g_1) Voltage | ... | ... | -8.5 | -12.5 | volts | Harmonic Distortion | ... | ... | 7 |
| Cathode Bias Resistor | ... | ... | 350 | 350 | ohms | | | | 7 |
| | | | | | | | | | per cent. |

