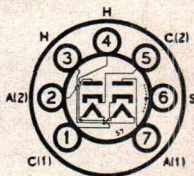


TYPE 6AL5 (GLASS BUTTON BASE) MINIATURE DOUBLE DIODE



The BRIMAR type 6AL5 is an indirectly heated double diode with separate cathodes, fitted with a miniature button base. The low impedance of this valve renders it particularly suitable for use in wide band amplifiers and television receivers.

RATINGS

Heater Voltage	...	...	...	...	...	6.3 volts
Heater Current	...	...	...	...	...	0.3 amp.
Peak Inverse Voltage	...	...	...	...	...	420 volts max.
Peak Anode Current (each Anode)	...	...	...	...	...	54 mA max.
Resonant Frequency (each Section)	...	...	...	...	...	700 Mc/s max.

OPERATION AS HALF WAVE RECTIFIER

R.M.S. Input per Anode	...	...	...	...	...	150 volts max
Supply Impedance per Anode	...	...	...	...	...	300 ohms min.
Rectified Current per Anode	...	...	...	...	...	9 mA max.

INTER-ELECTRODE CAPACITANCES

Diode (1) to Cathode (1) and Heater	...	...	...	...	3.2 pF
Diode (2) to Cathode (2) and Heater	...	...	...	...	3.2 pF
Cathode (1) to Diode (1) and Heater	...	...	...	...	3.6 pF
Cathode (2) to Diode (2) and Heater	...	...	...	...	3.6 pF
Diode (1) to Diode (2)	...	...	...	...	0.026 pF max.

