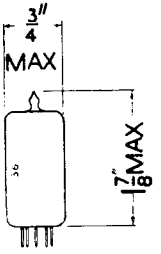
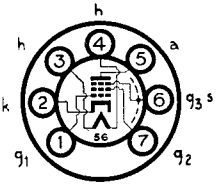


Current Equipment Type

TYPE 9D6

MINIATURE VARI-MU R.F. PENTODE



The BRIMAR type 9D6 is an indirectly heated vari-mu R.F. pentode of " all glass " construction, fitted with a miniature type base. Owing to its relatively high slope and small physical size, type 9D6 is particularly suitable for use in the R.F. and I.F. stages of compact radio equipment.

RATINGS

Heater Voltage	6.3 volts
Heater Current	0.2 amp.
Anode Voltage	250 volts max.
Anode Dissipation	2.5 watts max.
Screen (g_2) Voltage	250 volts max.
Screen Dissipation	0.6 watts max.

OPERATING CHARACTERISTICS

[Suppressor Grid (g_4) connected to Cathode]

Anode Voltage	250	250	volts
Anode Current	8.0	8.0	mA
Screen Voltage	150	200	volts
Screen Current	2.0	2.1	mA
Control Grid (g_1) Voltage	—0.65	—2.5	volts
Cathode Bias Resistor	65	250	ohms
Anode Impedance	1.0	1.0	meg.
Mutual Conductance	2.5	2.5	mA/V
Inner Amplification Factor (μg_1-g_2)	—	30	
Control Grid Voltage	—15	—28	volts
(For Mutual Conductance of 0 005 mA/V)			

INTER-ELECTRODE CAPACITANCES

Input	4.5 pF
Output	7.0 pF
Control Grid to Anode	0.004 pF

*With close fitting shield connected to Cathode.

Type 9D6 is a commercial equivalent of the CV131