

Mullard

MEDIUM IMPEDANCE TRIODE

DA1

The DA1 is a medium impedance triode for use as a low frequency amplifier in compact equipment such as deaf aids.

FILAMENT CHARACTERISTICS

Filament Voltage ...	... 2.0 volts
Filament Current ...	... 0.05 amp

DIMENSIONS

Overall Length ...	= 60 mm.
Overall Diameter...	= 19 mm.

OPERATING DATA

Anode Voltage ...	... $V_{aw} = 20$	40 volts
Anode Current ...	... $I_{aw} = 100$	250 μA
Grid Voltage ...	... $-V_{glw} = 0.15$	0.25 volt
Slope ...	... $S_w = 0.2$	0.4 mA/V
Internal Resistance ...	... $R_{iw} = 150,000$	80,000 ohms
Amplification Factor ...	... $G_w = 30$	32

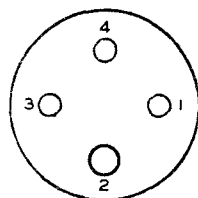
CAPACITIES

Anode to Control Grid ...	... $C_{ag1} = 1.6 \mu F$
Input ...	... $C_{g1} = 3.8 \mu F$
Output ...	... $C_a = 5.4 \mu F$

LIMITS

Maximum Anode Voltage ...	... $V_{a_{max}} = 100$ volts
Maximum Resistance in Grid Circuit ...	... $R_{g1f_{max}} = 1.0$ megohm
Range of Grid Voltage for 1 μA Grid Current at $V_a = 40$ V ...	... $V_{g1} = 0$ to $+1.0$ volt

CONNECTIONS



- Pin No. 1 Anode
 „ 2 Grid
 „ 3 Filament
 „ 4 Filament

Viewed from free end of pins.

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