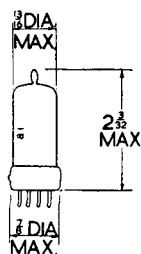
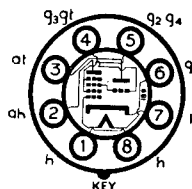


## Replacement Type

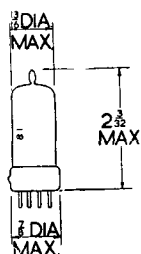


### TYPE ECH42 TRIODE HEXODE FREQUENCY CHANGER

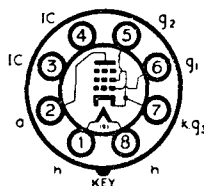


|                             |     |     |     |     |     |     |               |
|-----------------------------|-----|-----|-----|-----|-----|-----|---------------|
| Heater Voltage              | ... | ... | ... | ... | ... | ... | 6.3 volts     |
| Heater Current              | ... | ... | ... | ... | ... | ... | 0.23 amp.     |
| Hexode Anode Voltage        | ... | ... | ... | ... | ... | ... | 250 volts     |
| Hexode Screen Voltage       | ... | ... | ... | ... | ... | ... | 85 volts      |
| Hexode Grid Voltage         | ... | ... | ... | ... | ... | ... | —2 volts      |
| Hexode Anode Current        | ... | ... | ... | ... | ... | ... | 3 mA          |
| Hexode Screen Current       | ... | ... | ... | ... | ... | ... | 3 mA          |
| Triode Anode Supply Voltage | ... | ... | ... | ... | ... | ... | 250 volts     |
| Triode Anode Resistor       | ... | ... | ... | ... | ... | ... | 33 k $\Omega$ |
| Triode Grid Resistor        | ... | ... | ... | ... | ... | ... | 47 k $\Omega$ |
| Triode Grid Current         | ... | ... | ... | ... | ... | ... | 200 $\mu$ A   |
| Conversion Conductance      | ... | ... | ... | ... | ... | ... | 750 $\mu$ A/V |

## Replacement Type



### TYPE EF41 VARI-MU R.F. PENTODE



|                        |     |     |     |     |     |     |               |
|------------------------|-----|-----|-----|-----|-----|-----|---------------|
| Heater Voltage         | ... | ... | ... | ... | ... | ... | 6.3 volts     |
| Heater Current         | ... | ... | ... | ... | ... | ... | 0.2 amp.      |
| Anode Voltage          | ... | ... | ... | ... | ... | ... | 250 volts     |
| Screen Resistor        | ... | ... | ... | ... | ... | ... | 90 k $\Omega$ |
| Grid Voltage           | ... | ... | ... | ... | ... | ... | —2.5 volts    |
| Anode Current          | ... | ... | ... | ... | ... | ... | 6 mA          |
| Screen Current         | ... | ... | ... | ... | ... | ... | 1.7 mA        |
| Anode Impedance        | ... | ... | ... | ... | ... | ... | 1 M $\Omega$  |
| Mutual Conductance     | ... | ... | ... | ... | ... | ... | 2.2 mA/V      |
| Grid Voltage for $g_m$ | ... | ... | ... | ... | ... | ... | —39 volts     |

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