

The 6AQ4 is a miniature triode designed for use as a grounded-grid amplifier at frequencies up to 250Mc/s.

PHYSICAL SPECIFICATIONS.

Cathode	Coated unipotential
Base	Miniature button 7 pin
Envelope	T5-1/2 glass
Maximum Overall Length	2-1/8"
Maximum Seated Height	1-7/8"
Maximum Diameter	3/4"
Mounting Position	Any

GENERAL ELECTRICAL DATA

Heater Voltage	6.3 volts
Heater Current	0.3 ampere

BASING CONNECTIONS **7DT**

Pin 1	Grid
Pin 2	Cathode
Pin 3	Heater
Pin 4	Heater
Pin 5	Cathode
Pin 6	Grid
Pin 7	Plate

INTERELECTRODE CAPACITANCES*

Plate to Grid	2.5 uuF
Plate to Cathode and Heater	0.2 uuF
Grid to Cathode and Heater	8.5 uuF

*With external shield connected to Pins 1 and 6

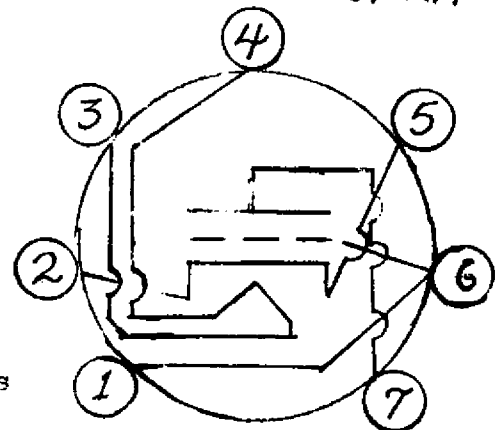
MAXIMUM RATINGS (Design Centre Values)

Plate Voltage	250 volts
Plate Dissipation	2.5 watts
Cathode Current	15 mamps
Voltage between heater & cathode	150 volts
Voltage between grid and cathode	100 volts

OPERATING CHARACTERISTICS

Plate Voltage	250 volts
Grid Voltage	-1.5 volts
Plate Current	10 mamps
Transconductance	8500 micromhos
Plate resistance	12000 ohms
Amplification Factor	100
Equivalent Noise Resistance	400 ohms

BASING DIAGRAM



Basing Diagram **7DT**

This designation has been issued in response to NATO request.

NOTE: Mullard Designation EC91 has applied heretofore.