

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

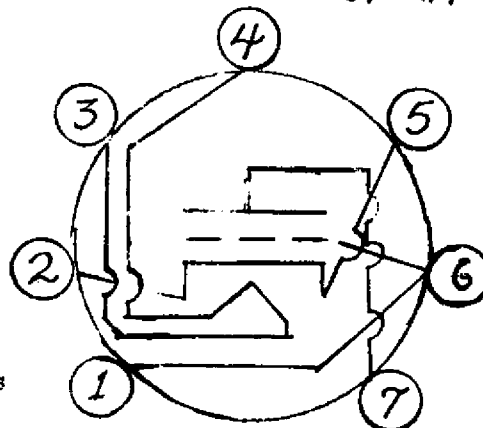
MAXIMUM RATINGS (Design Centre Values)

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.