Security Classification: Confidential

Type 4J43-4J44 MAGNETRON

GENERAL CHARACTERISTICS

Electrical

Filament or Cathode	Cathode	
Voltage	16 volts	
Current	3.1 amps	

	Type	Min.	Max.
Frequency	4J43 4J44		3019 Mc 2992 Mc
Field Strength Peak Power Output		2700 gauss 750 kilowatts	

Mechanical

See outline drawing

Maximum Ratings (Peak values for duty cycle specified)

Duty Cycle 500
Anode voltage 30 kilovolts
Anode current 75 amps
Anode dissipation 500 watts

Sponsor: Raytheon Manufacturing Company - Power Tube Division

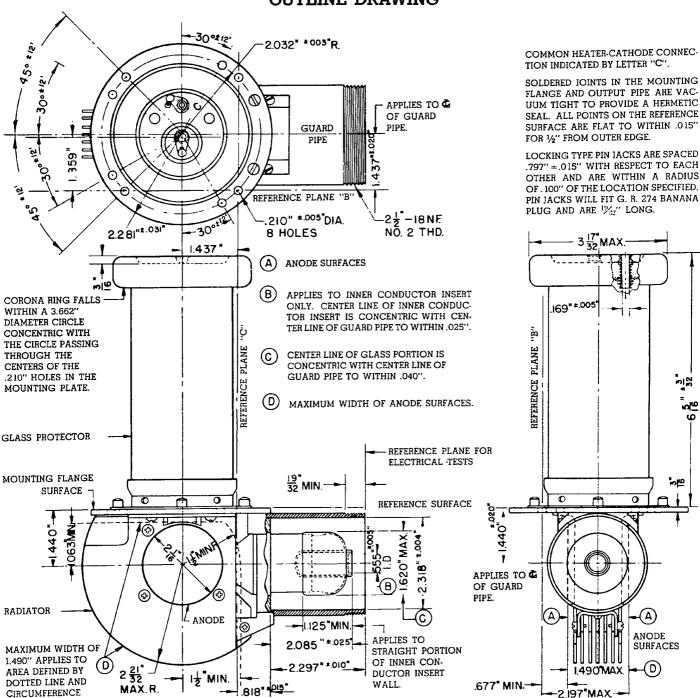
TYPES 4J31-4J35 4J43-4J44 4J53

RAYTHEON

TYPES 4J31-4J35 4J43-4J44 AJ53

TECHNICAL INFORMATION MAGNETRON OSCILLATOR

OUTLINE DRAWING



RAYTHEON MANUFACTURING COMPANY

OF RADIATOR

WALTHAM, MASSACHUSETTS

POWER TUBE DIVISION