

Security Classification: Confidential

Type 4J53
MAGNETRON

GENERAL CHARACTERISTICS

Electrical

Filament or Cathode	Cathode
Voltage	16 volts
Current	3.1 amp
Frequency	2793 - 2813 Mc
Field Strength	2700 gauss
Peak Power Output	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

from RMA release # 456, Nov. 23, 1945

