Security Classification: Confidential

Type 2J39 Magnetron

General Characteristics

Electrical

Coated Unipotential Cathode

Filament voltage 6.3 volts Filament current 1.25 amps

Frequency 3267 - 5333 Mc.

Peak anode voltage 5000 volts

Power Output at .002 duty

and 5 peak amperes 12 watts

Mechanical

Maximum Dimensions - see outline drawing Base Connections - see outline drawing Mounting position - any

Maximum Ratings

Duty Cycle*
Peak Anode Voltage 5500 volts
Peak Anode Current 8 amps
Anode Dissipation 160 watts
Anode Temperature 100 C Degrees

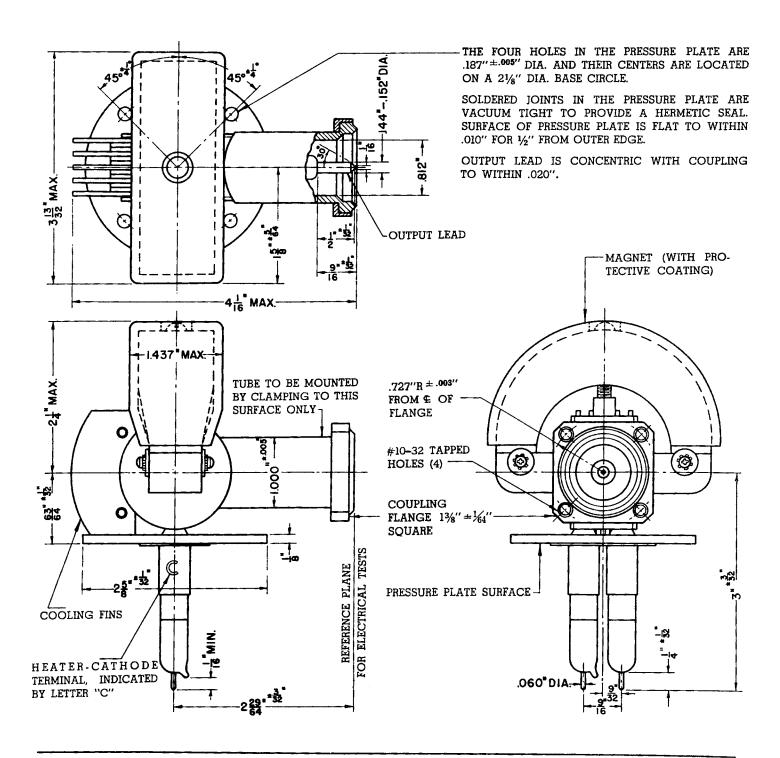
* In any 100 microsecond interval, the tube shall not be operated longer than 5 microseconds.

Sponsor: Raytheon Menufacturing Company - Power Tube Division

from RMA release # 456, Nov. 23, 1945

TECHNICAL INFORMATION PACKAGE MAGNETRON OSCILLATOR

OUTLINE DRAWING



RAYTHEON MANUFACTURING COMPANY-POWER TUBE DIVISION