GENERAL CHARACTERISTICS

Reflex Oscillator
Internal Cavity

ELECTRICAL CHARACTERISTICS

Heater Voltage 6.3 volts
Heater Current 450 milliamperes
Maximum Frequency 1460 MC
Minimum Frequency 1310 MC

MAXIMUM RATINGS (Absolute Values)

Resonator Voltage 250 volts
Resonator Current 50 milliamperes
Reflector Voltage -350 volts
Heater-Cathode Voltage (Peak) (+45 volts, (-45 volts
Shell Temperature 130 centigrade

MECHANICAL INFORMATION

Type of Cathode Coated Unipotential
Base and Physical Specifications See Outline Drawing BL-276069
Base Connection " " " BL-276069
Mounting Data May be mounted in any position

TYPICAL OPERATION (C.W.)

Frequency 1380 MC
Resonator Voltage 225 volts
Resonator Current 40 milliamperes
Reflector Voltage -135 volts
Reflector Current Less than 7 microamperes
Mode Number 150 volts
Electronic Tuning;
Frequency Variation($E_R$ range -115 to -155) 6.5 MC
Modulation Sensitivity 0.16 MC/volt
Average Power Output 170 milliwatts