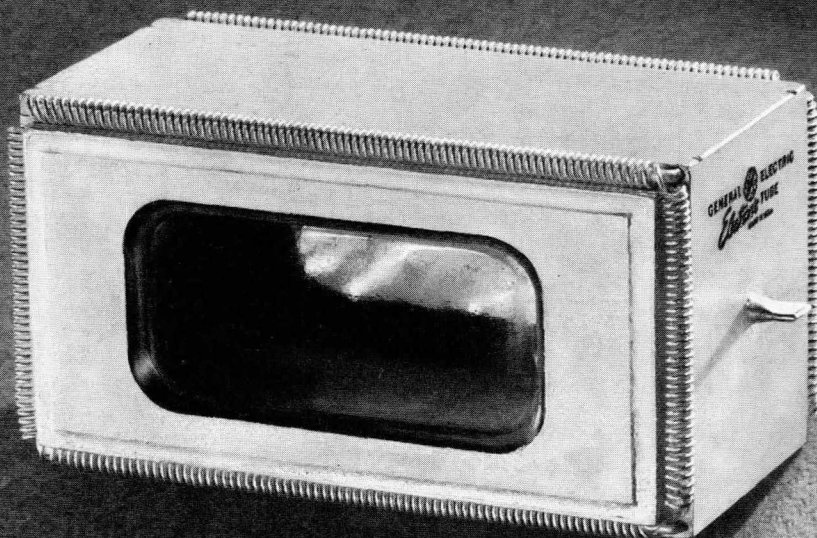




PRE-TR TUBE

DESCRIPTION

The GL-1B38 is a gas switching tube for use in pulsed microwave circuits. Used in conjunction with a narrow-band TR tube it suppresses leakage

energy at the harmonic frequencies. The operational band is from 2700 to 2910 megacycles.

TECHNICAL INFORMATION

These data are for reference only. For design information refer to specifications.

GENERAL CHARACTERISTICS

Electrical

Center frequency	2800 megacycles
Operational band at voltage standing	
Wave ratio 1.2 maximum	2700 to 2910 megacycles
Voltage standing wave ratio, frequency = 2800 mc, maximum	1.07
Leakage energy	1.3×10^{-4} joules

Mechanical

Mounting position	any
Ambient temperature range	-40 to +100 C
Net weight, approximate	1 pound

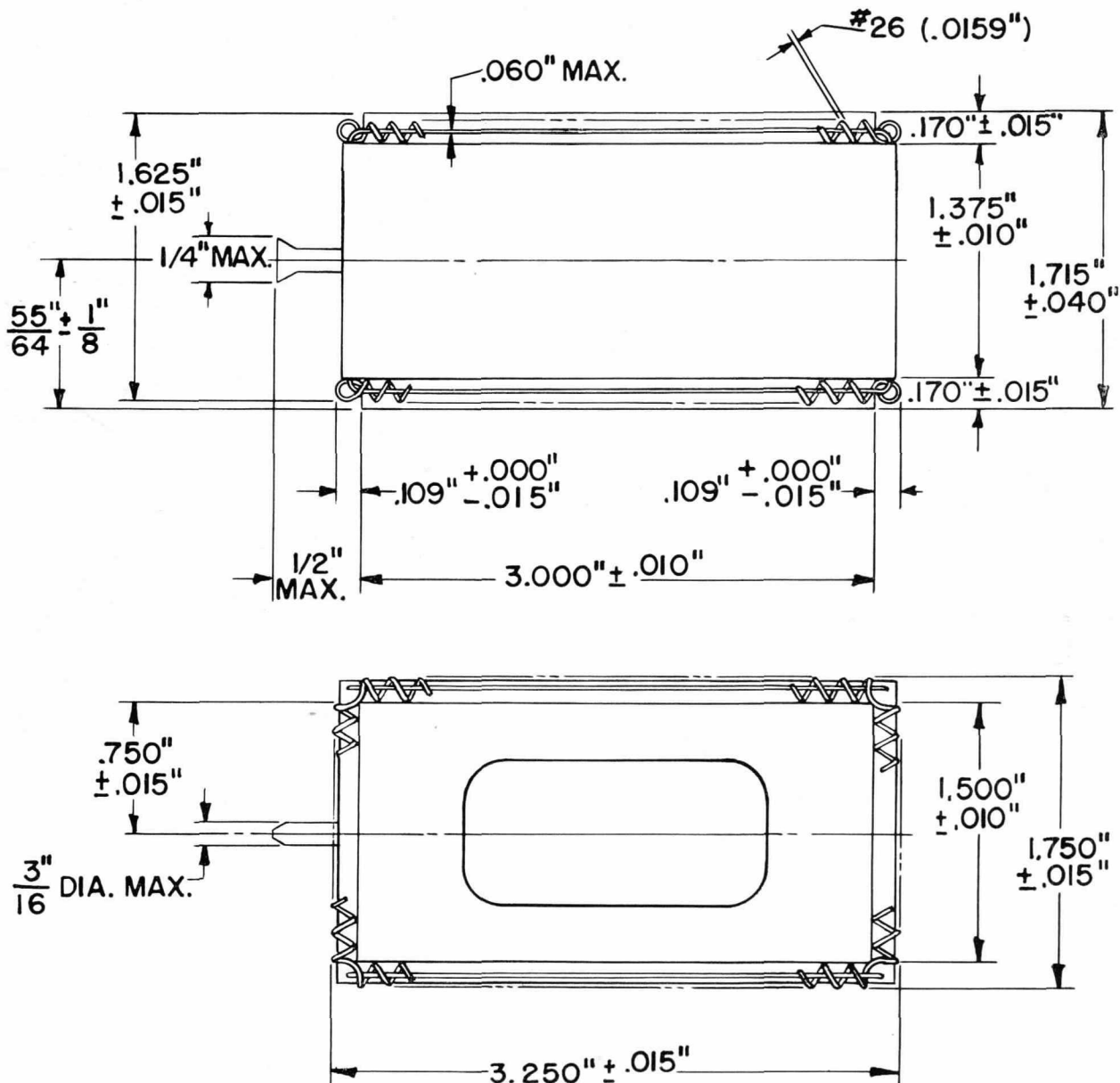
MAXIMUM RATINGS

Transmitter peak power	1000 kilowatts
------------------------	----------------


Electronic
TUBE

GENERAL  ELECTRIC

OUTLINE
GL-1B38



N-24500AZ

5-27-48

Tube Divisions, Electronics Department

GENERAL ELECTRIC

Schenectady, N. Y.