RADIO MANUFACTURERS ASSOCIATION
ENGINEERING DEPARTMENT

Release No. 444

October 5, 1945.

sponsored by:
Sperry Gyroscope Co., Inc.

Type No. 1B44

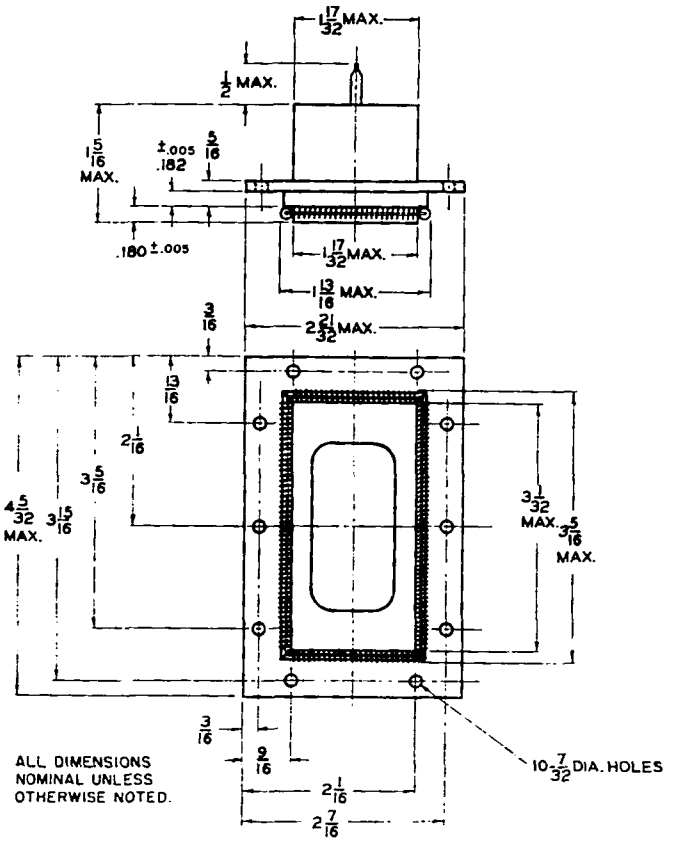
ATR Gas Switching Tube - Fixed Tuned - S_g Band

GENERAL CHARACTERISTICS

Rating - Transmitter Peak Power	20 KW min.

ELECTRICAL

a) Resonant frequency	2750 Mc. $\pm \frac{1}{2}\%$
b) Loaded Q	Q_L -----4.5 Max.
c) Tuning Susceptance	(B/Yo) $\pm$ .05
d) Equivalent Conductance	(G/Yo) ---0.1 Max.

MECHANICAL

Ionizable Medium	Argon
Permissible mounting position	Any
Maximum Dimension	See outline drawing
Ambient temperature	-50 to + 100°C