

SECURITY CLASSIFICATION Confidential

Type 1Q21

Tunable Reference Cavity

GENERAL CHARACTERISTICSElectrical

Maximum Insertion Loss	<u>10.5 Decibels</u>
Frequency Tuning Range	<u>9200 - 9300 Megacycles</u>
Minimum Loaded Q	<u>2000</u>

Note:- Above ratings (other than tuning range) are at 9250 Megacycles.

Mechanical

Internal Atmosphere	<u>Same as External</u>
Dimensions	<u>See Outline</u>
Mounting Position	<u>Any</u>

MAXIMUM RATINGS

Frequency Shift with Temp. Change from 25°C to 100°C.	<u>± 0.6 Megacycles</u>
Ambient Temperature Range	<u>-50°C to +100°C</u>

Bloomfield, New Jersey

December 5, 1945

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