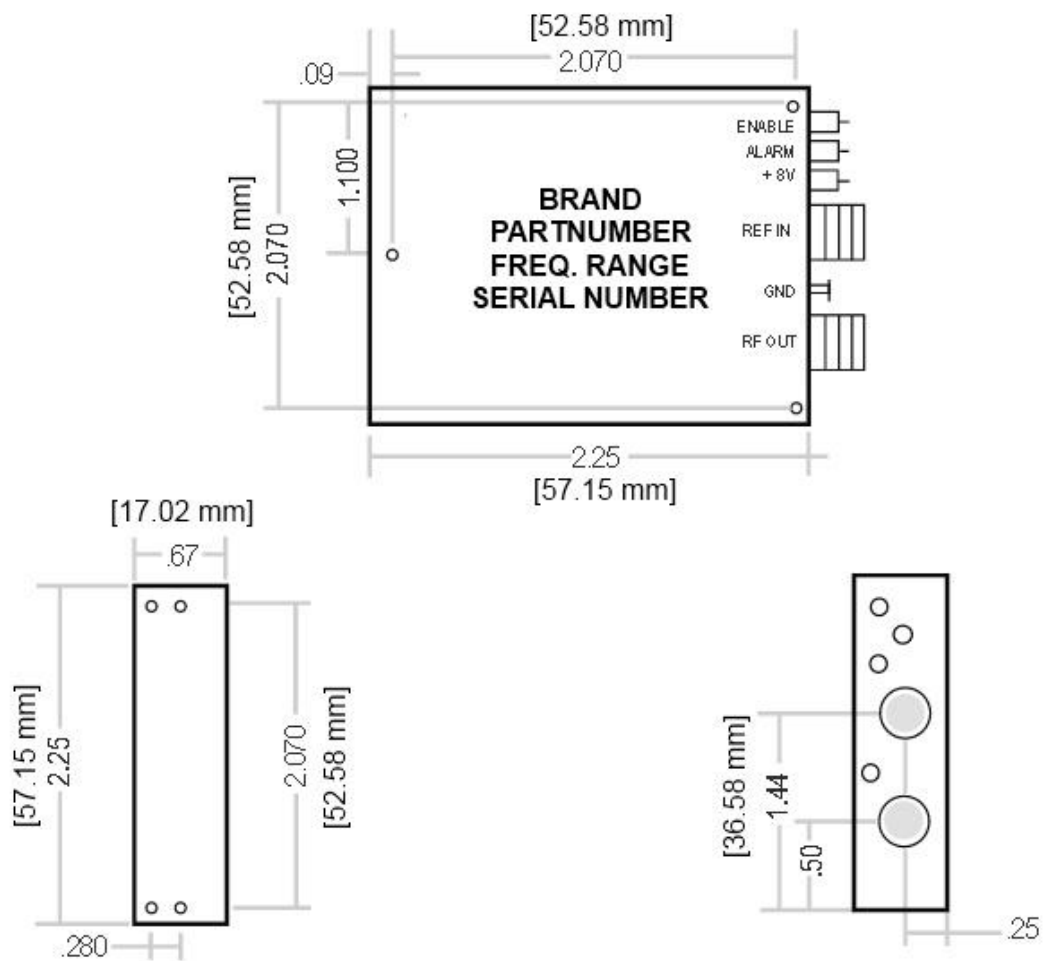


TUNEFUL CORPORATION

RF DIVISION

Microwave Frequency Synthesizer up to 24 GHz– basic outline:



ATTENTION: THIS IS THE BASIC DRAWING, THE OUTLINE MAY VARY DEPENDING ON THE OPTIONS YOU CHOOSE FOR THE PRODUCT, PLEASE, CONSULT THE FACTORY

BASIC CHARACTERISTICS (NORMALLY APPLICABLE TO THE SERIES):

Input Connector – SMA-Female type

Output Connector – SMA-Female type

Finishing – Nickel

Seal - Hermetically Sealed

Specifications:

Operational Temperature (C°) – option

Storage Temperature (C°) - -55 ~ +125

Output Power - +10 dBm

Maximum VSWR - 2

Power Supply Requirements +8 VDC min, 150-250 mA typically

Input Reference Frequency - 10 - 100 MHz

Power Reference Input - 0 dBm

Phase Noise - -90 dBc/Hz @ 10 KHz (@5.8 GHz)

Spurious - -60 dBc

Harmonics - -25 dBc

Phase lock indicator alarm - TTL