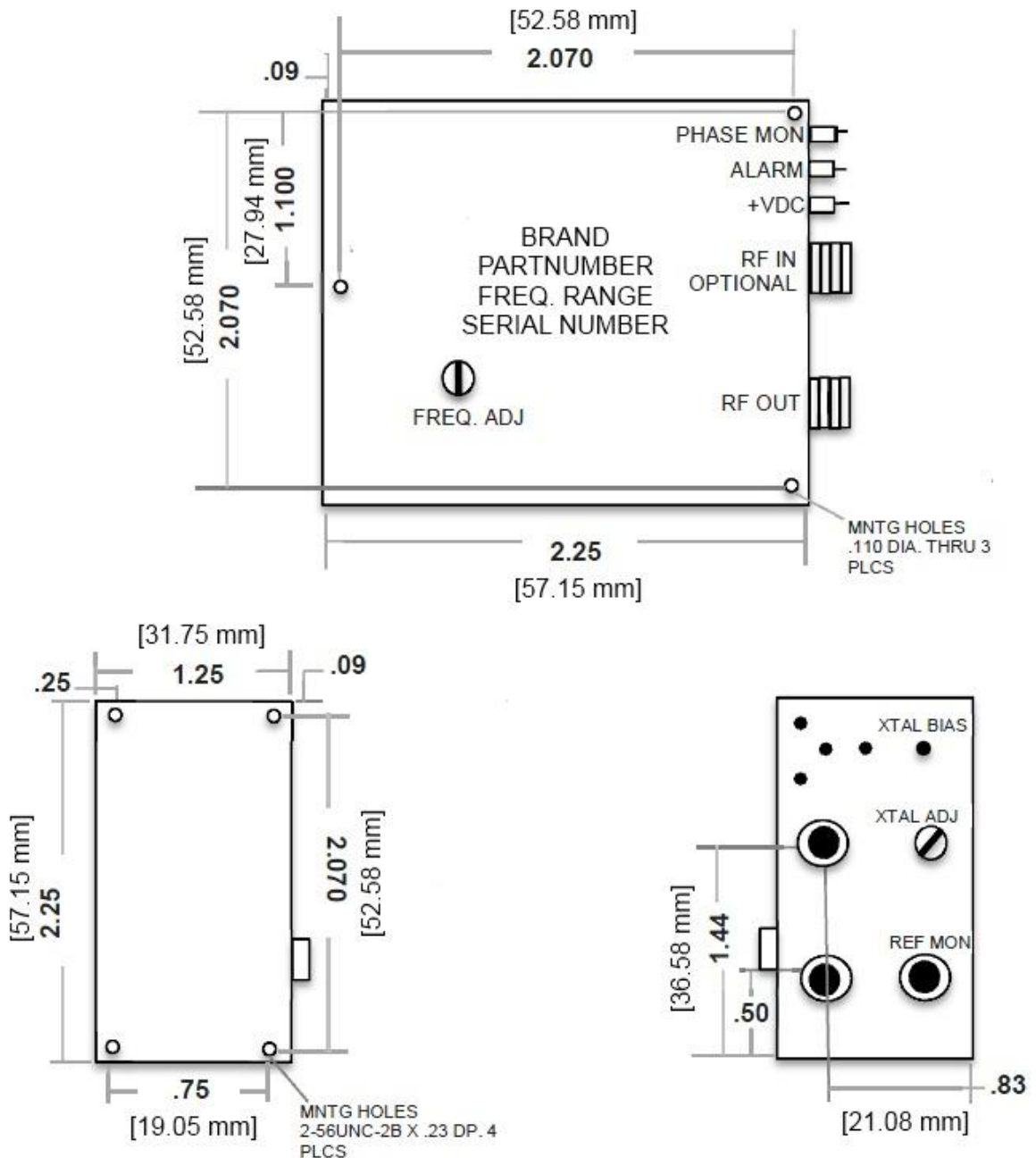


TUNEFUL CORPORATION

RF DIVISION

Phase Locked Dielectric Resonator Oscillator (PLDRO) up to 50 GHz with internal reference – 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

#6504, SHASAN ROAD, SHAJING TOWN, BADAN DISTRICT, SHENZHEN, CHINA 518104

BASIC CHARACTERISTICS (NORMALLY APPLICABLE TO THE SERIES):

Input Connector – SMA-Female type or 2.92 (K) type

Output Connector – SMA-Female type or 2.92 (K) type

Finishing – Nickel

Seal - Hermetically Sealed

Specifications:

Operational Temperature (C°) – option

Storage Temperature (C°) - -55 ~ +125

Frequency: from 1.0 GHz to 50 GHz

Output Power - from +13 dBm to +25 dBm

Maximum VSWR - 2

Power Supply Requirements - +12 - +15 VDC, 300 mA

Reference Frequency - 50 - 150 MHz

Frequency Stability - +/-5 ppm @ 0 °C to 50 °C, or optimally +/- 0.5

Spurious - -80 dBc

Harmonics - -25 dBc

Phase lock indicator alarm - TTL