

Dynamic Engineers Inc.

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Features and Benefits

Low phase noise Linear tuning characteristics Low pushing / Low pulling Aqueous washable

Typical Applications

SATCOM Point –to-Point Receiver Radio Test Equipment MMDS Radar WiMax

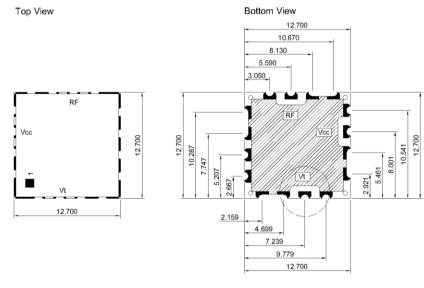
Specifications

| Parameter | | Units | Min. | Typical | Max. |
|---------------------------------|---------------|--------|------|---------|------|
| Operating Frequency Range | | MHz | 1990 | | 2050 |
| Output Power | | dBm | | 5 | |
| Phase Noise | @10kHz offset | dBc/Hz | | -117 | |
| Tuning Voltage (Vt) | | Vdc | | 1-9 | |
| Tuning Voltage Sensitivity (Kv) | | MHz/V | | 13 | |
| 2nd Harmonic Suppression | | dBc | | -15 | |
| Power Supply | Voltage | Vdc | | 10 | |
| (Vcc) | Current | mA | | 28 | |
| Operating Temp. Range | | C° | -40 | | +85 |

Mechanical Drawing & Pin Connections

Drawing No: MD140084-1

Foot Print



9.650 7.110 4.570 2.030 Ø Ŵ 10.541 10.287 8.001 7.747 5.461 5.207 Ø 2.667 2.921 0.800 0.900 2.921 5.461 8.001 9.781 10.541 11.301

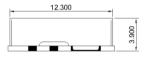
 2
 Vt

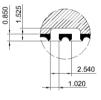
 10
 RFOUT

 14
 Vcc

 Others
 GND

Side View





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Dynamic Engineers reserves the right to make changes to the company datasheet(s) along with other information contained inside; such as data tables and graphs without notification to potential customers who may have earlier revisions in their possession.