

Dynamic Engineers Inc.

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Features and Benefits

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

Typical Applications

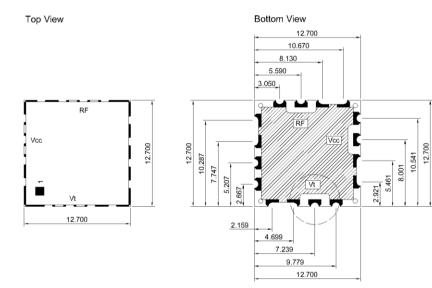
SATCOM Point -to-Point Receiver Radio **Test Equipment** MMDS WiMax Radar

Specifications

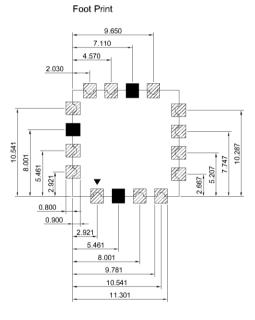
| Parameter | | Units | Min. | Typical | Max. |
|---------------------------------|---------------|--------|------|-----------|------|
| Operating Frequency Range | | MHz | 1930 | | 1990 |
| Output Power | | dBm | | 5 | |
| Phase Noise | @10kHz offset | dBc/Hz | | -101 | |
| Tuning Voltage (Vt) | | Vdc | | 1.3 - 3.5 | |
| Tuning Voltage Sensitivity (Kv) | | MHz/V | | 33 | |
| 2nd Harmonic Suppression | | dBc | | -14 | |
| Power Supply | Voltage | Vdc | | 5 | |
| (Vcc) | Current | mA | | 30 | |
| Operating Temp. Range | | °C | -40 | | +85 |

Mechanical Drawing & Pin Connections

Drawing No:

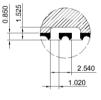


MD140084-1









Pin Connections Vt RFOUT Vcc GND Others Unit : mm

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