



## Dynamic Engineers Inc.

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VCO2000

2000 to 2000 MHz

### 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

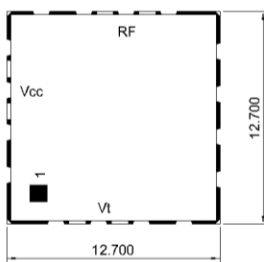
### Specifications

Parameter	Units	Min.	Typical	Max.
Operating Frequency Range	MHz	2000		2000
Output Power	dBm		6	
Phase Noise @10kHz offset	dBc/Hz		-122	
Tuning Voltage (Vt)	Vdc		0.5-4.5	
Tuning Voltage Sensitivity (Kv)	MHz/V		6	
2nd Harmonic Suppression	dBc		-25	
Power Supply (Vcc) Voltage	Vdc		6	
Power Supply (Vcc) Current	mA		28	
Operating Temp. Range	°C	-40		+85

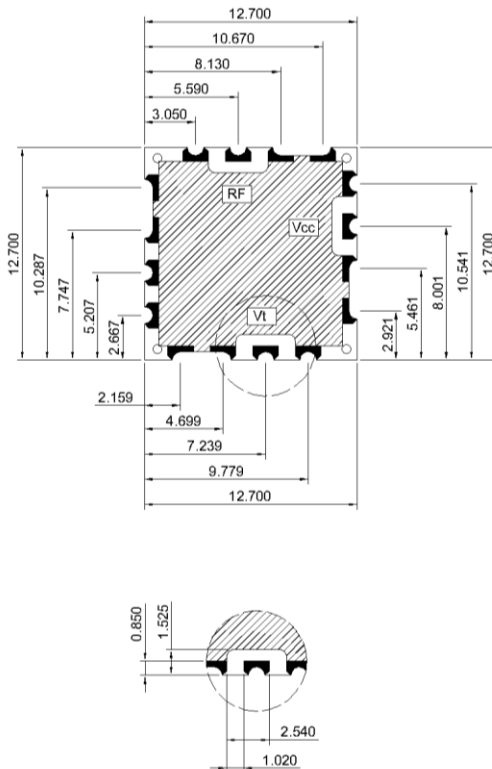
### Mechanical Drawing & Pin Connections

Drawing No: MD140084-1

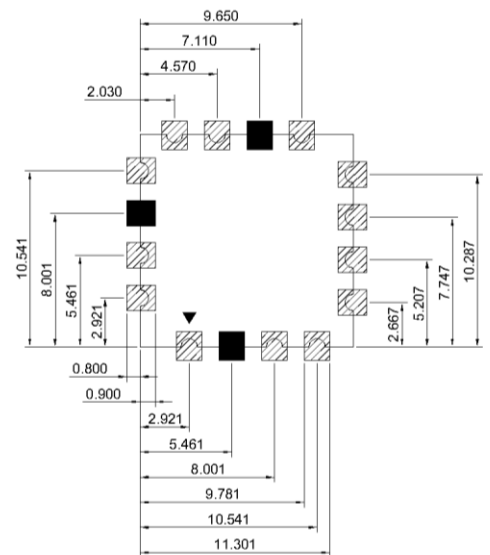
Top View



Bottom View



Foot Print



Side View



Pin Connections

2	Vt
10	RFOUT
14	Vcc
Others	GND

Unit : mm