



Dynamic Engineers Inc.

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VCO1248

1248 to 1248 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

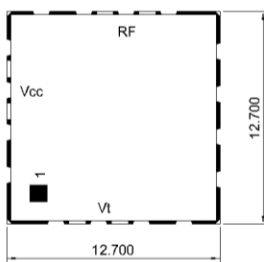
Specifications

Parameter	Units	Min.	Typical	Max.
Operating Frequency Range	MHz	1248		1248
Output Power	dBm		7	
Phase Noise @10kHz offset	dBc/Hz		-125	
Tuning Voltage (Vt)	Vdc		0.5-4.5	
Tuning Voltage Sensitivity (Kv)	MHz/V		3.5	
2nd Harmonic Suppression	dBc		-20	
Power Supply (Vcc) Voltage	Vdc		5	
Power Supply (Vcc) Current	mA		24	
Operating Temp. Range	°C	-40		+85

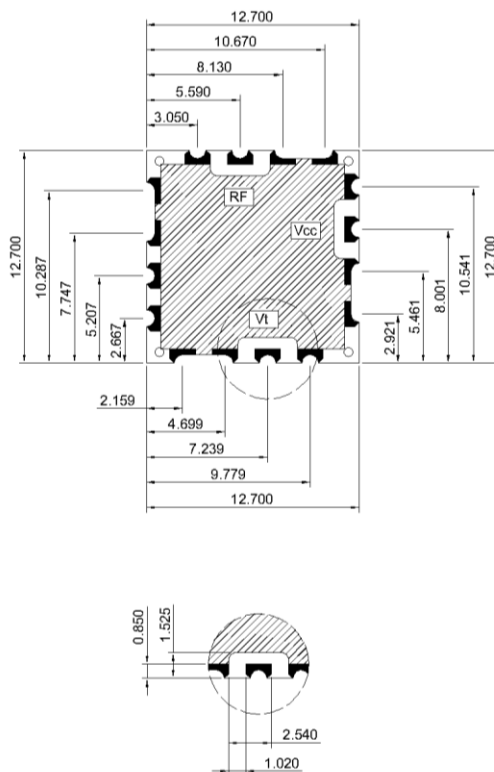
Mechanical Drawing & Pin Connections

Drawing No: MD140084-1

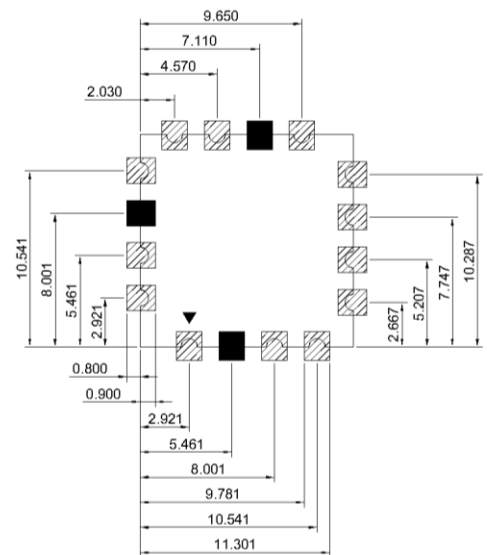
Top View



Bottom View



Foot Print



Side View



Pin Connections

2	Vt
10	RFOUT
14	Vcc
Others	GND

Unit : mm