



Dynamic Engineers Inc.

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VCO200-240

200 to 240 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

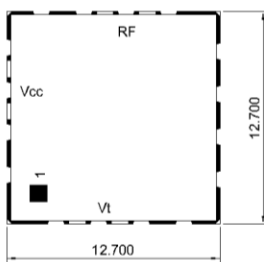
Specifications

Parameter	Units	Min.	Typical	Max.
Operating Frequency Range	MHz	200		240
Output Power	dBm		9	
Phase Noise @10kHz offset	dBc/Hz		-107	
Tuning Voltage (Vt)	Vdc		0.5-6	
Tuning Voltage Sensitivity (Kv)	MHz/V		18	
2nd Harmonic Suppression	dBc		-7	
Power Supply (Vcc) Voltage	Vdc		5	
Power Supply (Vcc) Current	mA		19	
Operating Temp. Range	°C	-40		+85

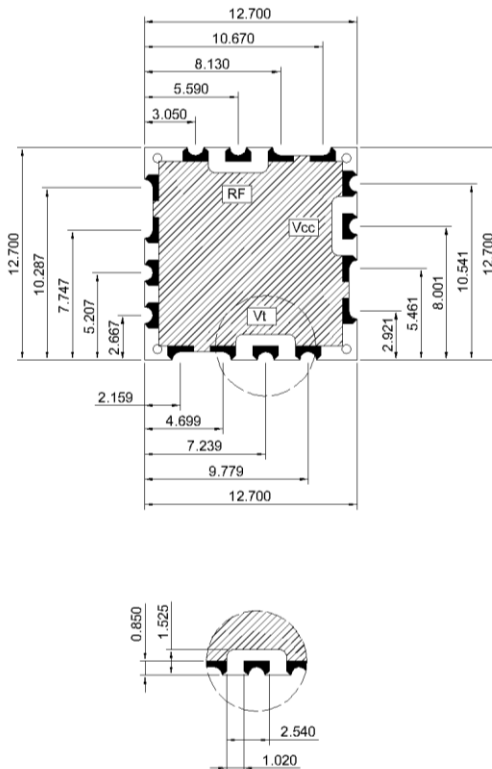
Mechanical Drawing & Pin Connections

Drawing No: MD140084-1

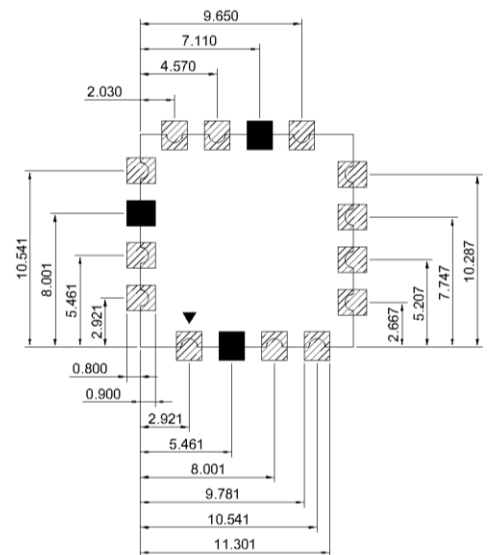
Top View



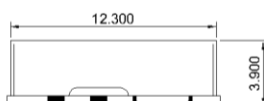
Bottom View



Foot Print



Side View



Pin Connections

2	Vt
10	RFOUT
14	Vcc
Others	GND

Unit : mm