



## Dynamic Engineers Inc.

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VCO825-930

825 to 930 MHz

### Features and Benefits

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

### Typical Applications

SATCOM  
Receiver  
Test Equipment  
Radar

Point-to-Point  
Radio  
MMDS  
WiMax

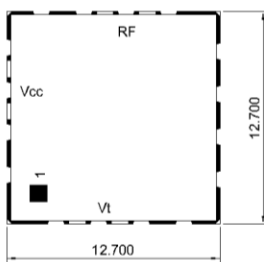
### Specifications

Parameter	Units	Min.	Typical	Max.
Operating Frequency Range	MHz	825		930
Output Power	dBm		5	
Phase Noise @10kHz offset	dBc/Hz		-105	
Tuning Voltage (Vt)	Vdc		0.0 - 5.0	
Tuning Voltage Sensitivity (Kv)	MHz/V		32	
2nd Harmonic Suppression	dBc		-12	
Power Supply (Vcc)	Voltage		5	
	Current		24	
Operating Temp. Range	°C	-40		+85

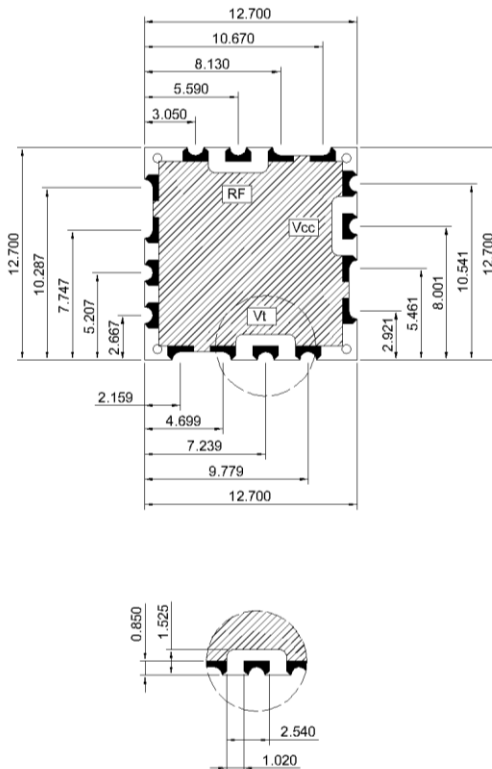
### Mechanical Drawing & Pin Connections

Drawing No: MD140084-1

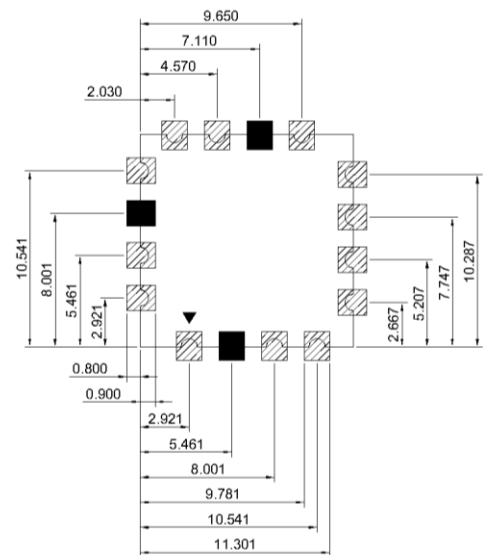
Top View



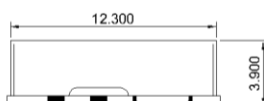
Bottom View



Foot Print



Side View



Pin Connections

2	Vt
10	RFOUT
14	Vcc
Others	GND

Unit : mm