

## 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	1740		1785
Output Power		dBm		7	
Phase Noise	@10kHz offset	dBc/Hz		-116	
Tuning Voltage (Vt)		Vdc		0.5-4.5	
Tuning Voltage Sensitivity (Kv)		MHz/V		15	
2nd Harmonic Suppression		dBc		-20	
Power Supply	Voltage	Vdc		8	
(Vcc)	Current	mA		29	
Operating Temp. Range		C°	-40		+85

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12.700

10.541

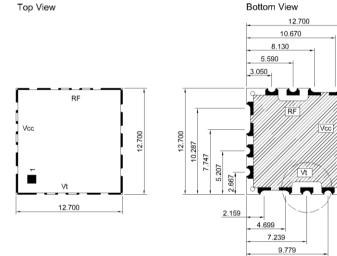
8.001

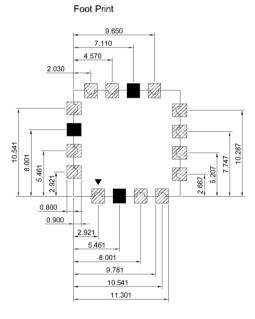
5.461

2.921

## **Mechanical Drawing & Pin Connections**

Drawing No: MD140084-1

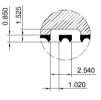




2	Vt
10	RFOUT
14	Vcc
Others	GND

Side View





12.700

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