

## Dynamic Engineers Inc.

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### **Features and Benefits**

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

# **Typical Applications**

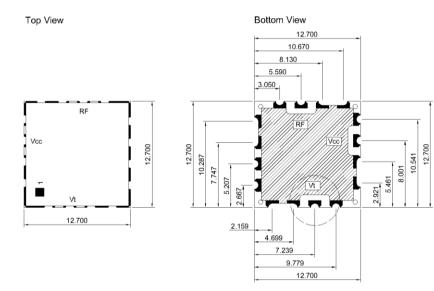
SATCOM Point -to-Point Receiver Radio **Test Equipment** MMDS WiMax Radar

### **Specifications**

Parameter		Units	Min.	Typical	Max.
Operating Frequency Range		MHz	1805		1880
Output Power		dBm		5	
Phase Noise	@10kHz offset	dBc/Hz		-99	
Tuning Voltage (Vt)		Vdc		1.3 - 3.5	
Tuning Voltage Sensitivity (Kv)		MHz/V		28	
2nd Harmonic Suppression		dBc		-12	
Power Supply	Voltage	Vdc		5	
(Vcc)	Current	mA		25	
Operating Temp. Range		°C	-40		+85

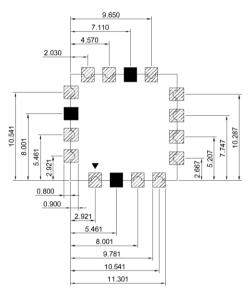
## **Mechanical Drawing & Pin Connections**

Drawing No:



MD140084-1

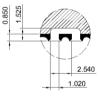
Foot Print



Pin Connections Vt RFOUT Vcc GND Others Unit : mm

Side View





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Dynamic Engineers reserves the right to make changes to the company datasheet(s) along with other information contained inside; such as data tables and graphs without notification to potential customers who may have earlier revisions in their possession.