

### 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 Radar WiMax

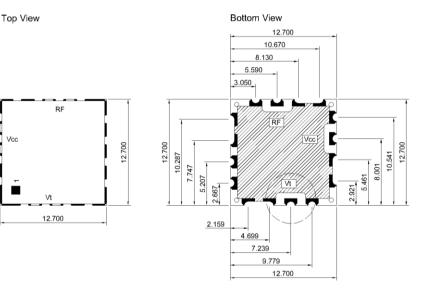
#### **Specifications**

Parameter		Units	Min.	Typical	Max.
Operating Frequency Range		MHz	1510		1650
Output Power		dBm		0	
Phase Noise	@10kHz offset	dBc/Hz		-107	
Tuning Voltage (Vt)		Vdc		1.5-12	
Tuning Voltage Sensitivity (Kv)		MHz/V		24	
2nd Harmonic Suppression		dBc		-25	
Power Supply	Voltage	Vdc		8	
(Vcc)	Current	mA		15	
Operating Temp. Range		°C	-40		+85

# **Mechanical Drawing & Pin Connections**

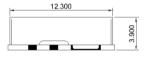
Drawing No: MD140084-1

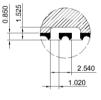
Foot Print



9.650 7.110 4.570 2.030 Ø Ŵ 10.541 10.287 8.001 7.747 5.461 5.207 Ø 2.667 2.921 0.800 0.900 2.921 5.461 8.001 9.781 10.541 11.301

Side View





 Pin Connections

 2
 Vt

 10
 RFOUT

 14
 Vcc

 Others
 GND

 Unit : mm

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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.