

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

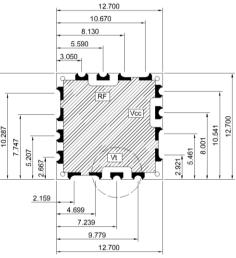
Top View

Parameter		Units	Min.	Typical	Max.
Operating Frequency Range		MHz	2980		3200
Output Power		dBm		5	
Phase Noise	@10kHz offset	dBc/Hz		-102	
Tuning Voltage (Vt)		Vdc		0.5-4.5	
Tuning Voltage Sensitivity (Kv)		MHz/V		90	
2nd Harmonic Suppression		dBc		-20	
Power Supply	Voltage	Vdc		5	
(Vcc)	Current	mA		27	
Operating Temp. Range		°C	-40		+85

Mechanical Drawing & Pin Connections

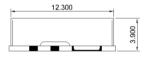
Drawing No: MD140084-1

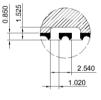
2.030



Bottom View

Side View





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Foot Print

4.570

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9.650

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10.287

7.747

5.207

2.667

7.110



Dynamic Engineers, Inc.

Revision: March 17, 2017

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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.