

### 1660 MHz Voltage Controlled Oscillator

#### Key Features:

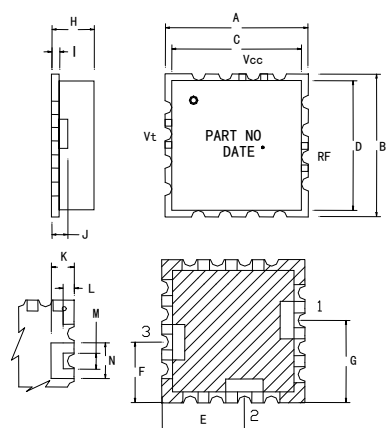
- Reliable
- Good Phase Noise
- 12 V Operation
- SMT Package
- Electrostatics Sensitive Device

Photo not available

#### Electrical Specifications<sup>1</sup> : (@+23 °C)

Parameter	Min	Typical	Max	Units
Frequency range	1450		1870	MHz
Output Power	4	6	8	dBm
Tuning Voltage	0.5		20	Volt
Tuning Sensitivity		-		MHz/V
Phase noise @ 10 kHz offset @ 100 kHz offset		-100 -120		dBc/Hz
Spurious Suppression			-80	dBc
Harmonic Suppression 2nd		-15		dBc
Pushing			3	MHz/Volt
Pulling			7	MHz
Power supply		12		Volt
Supply Current			30	mA
Tuning Port Capacitance		60		pF
Operating Temperature Range	-40		+85	°C

#### Mechanical Outline: (not scaled)



#### Pin Configuration

1	RF Output
2	Vcc
3	Vt
Others	GND

Size Symbol	Value (mm)		
	Min	Typ	Max
A	12.5	12.7	12.9
B	12.5	12.7	12.9
C	11.6	11.8	12.0
D	11.6	11.8	12.0
E	7.8	8.0	8.2
F	5.3	5.5	5.7
G	6.95	7.15	7.35
H		4.0	
I		0.8	
J		1.6	
K		1.8	
L		0.9	
M		1.5	
N		3.2	

(Dimensions shown are nominal in millimeters)

#### Ordering Information

Part Number	RVCS1660A
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<sup>1</sup> Specifications are subject to change without notice.

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