



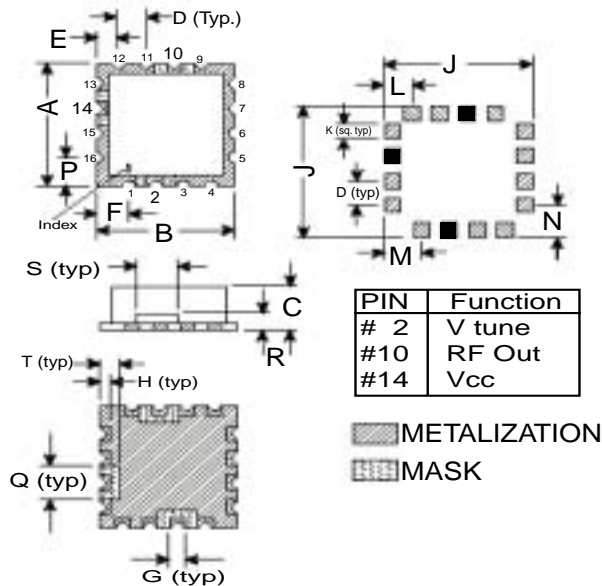
VCOs

VC 1000 Series VCO

Model: VC1000 Series Specifications

Parameter	VCO	
Frequency Range	UP to 3.2 GHz	
Operating Temperature Range	0 to 70 ~ -40 to 85°C	
Supply Voltage	+3.3 ~ +12V	
Tuning Voltage Range	0.3 ~ 12Vdc	
Output Level	0 ~ 13 dBm	
Output Impedance	50Ω	
Supply Current	15 ~ 30mA	
Control Voltage Sensitivity	1 ~ 150 MHz/V	
Pushing	0.2 ~ 1.0MHz/V	
Pulling	0.5 ~ 5.0MHZ	
Harmonics	-10 ~ -30dBc	
Phase Noise	10kHz offset	-100dBc/Hz typical
	100kHz offset	-122dBc/Hz typical
Wave Form	Sine Wave	

VC1000 Package



Other Custom Packages are available.

Please consult factory for any additional requirements.

In.	A	B	C	D	E	F	G	H	J
mm	.500	.500	.180	.100	.080	.115	.060	.040	.540
	12.700	12.700	4.572	2.540	2.032	2.921	1.524	1.016	13.716
In.	K	L	M	N	P	Q	R	S	T
mm	.060	.100	.135	.135	.115	.140	.070	.150	.070
	1.524	2.540	3.429	3.429	2.921	3.556	1.778	3.810	1.778

MEASUREMENT: IN/(MM)

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