



VCOs

TVCO 1000 Series VCO

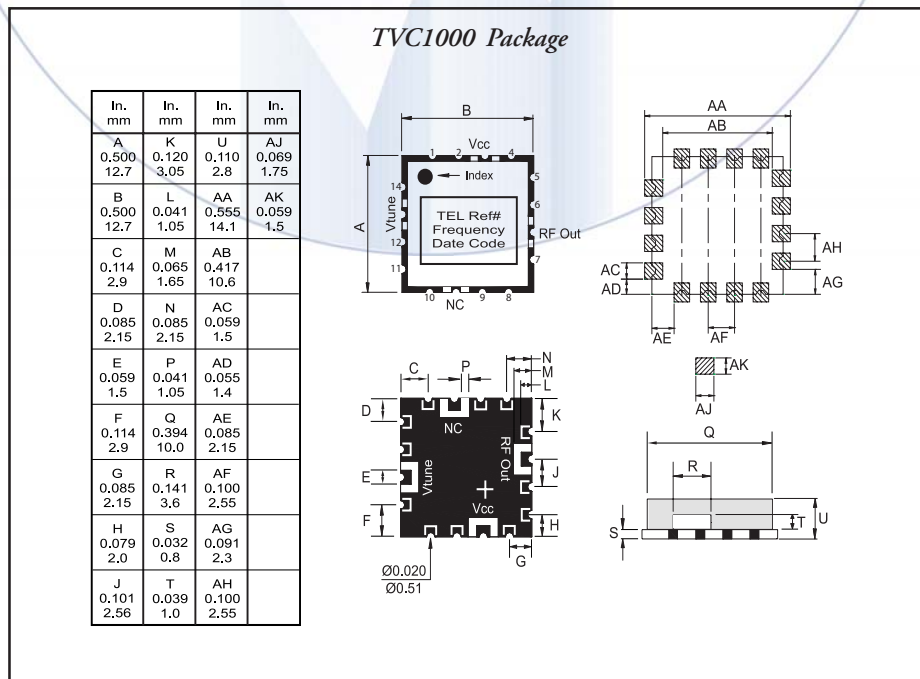
Model: VC1000 Series Specifications

Parameter	VCO
Frequency Range	UP to 5.88GHz
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 100kHz offset
	-100dBc/Hz typical -122dBc/Hz typical
Wave Form	Sine Wave

VOLTAGE CONTROLLED OSCILLATOR: VC1000 Series

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Other custom package types available.
Please consult factory for additional requirements.



SEE NEXT PAGE FOR MORE SPECIFICATION

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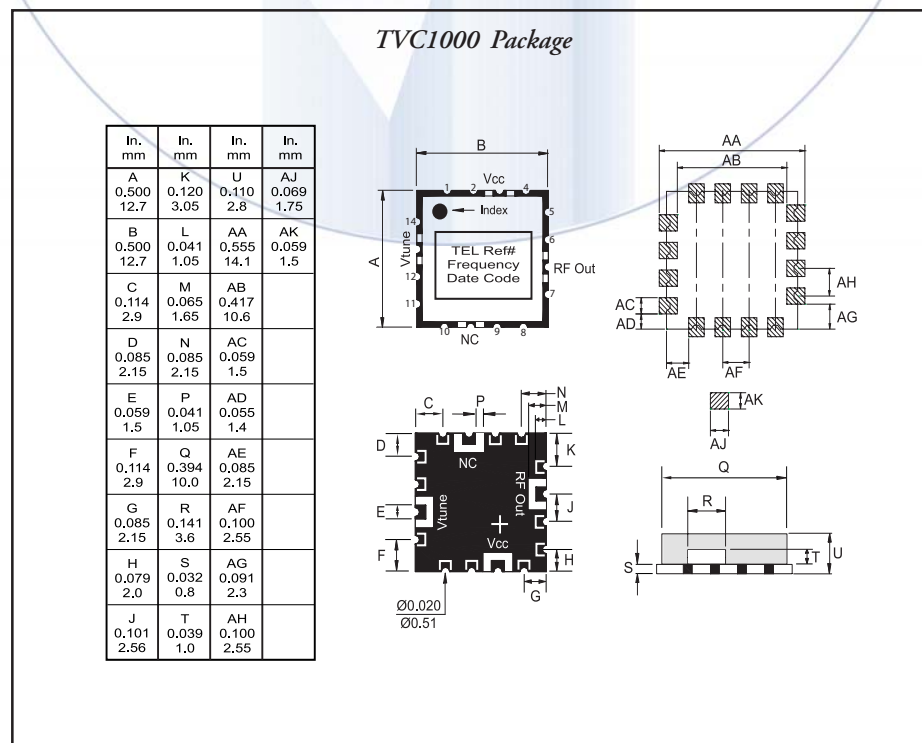
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Part Number	Frequency Range (MHz)	Supply Voltage (V)	Control Voltage (V)	Output Level (dBm)	Current (mA)	2nd Harmonic (dBc)	C/N (dBc/Hz@10Hz)
T0240A	210-270	5	0.5-4.5	2	13	-12	-106
T0836A	823-849	5	1-4	4	13	-30	-112
T0857A	837-877	5	0-5	5	13	-18	-108
T0942A	922-962	5	0-5	5	13	-18	-107
T1073A	1030-1115	5	1-10	0	11	-35	-105
T1150A	900-1400	10	0.5-20	8	15	-19	-104
T1250A	1000-1500	10	0.5-20	8	15	-19	-102
T1755A	1745-1765	5	1-3.5	5	19	-20	-104
T1835A	1825-1845	5	1-3.5	5	19	-20	-104
T2150A	1900-2400	5	0.5-12	2	28	-40	-97
T3300A	3250-3350	8	2-10	0	35	-18	-97
T4750A	4500-5000	5	0.5-12	2	30	-15	-106 @100kHz
T5070A	5050-5090	3	0.5-2.5	0	15	-11	-105 @100kHz
T5250A	5240-5260	3	0.5-2.5	0	13	-11	-104 @100kHz
T5300A	5000-5600	5	0.5-12	2	30	-14	-105 @100kHz
T5450A	5350-5550	5	0.5-4.5	0	22	-13	-105 @100kHz
T5800A	5725-5875	5	0.0-4.5	0	26	-14	-105 @100kHz
T5840A	5800-5880	5	0.5-4.5	-2	25	-14	-105@100kHz



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