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The specification and outline drawing of

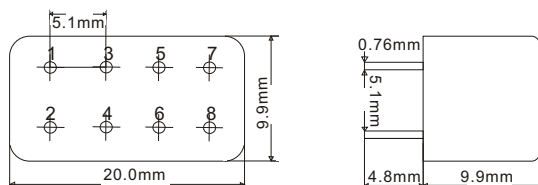
Voltage-Controlled Oscillators

Model	Freq. Range (Mhz) f _L -f _u	Tuning Voltage (V)	Tuning Sensitivity MHz/V	Phase Noise(dB/Hz)		Supply Voltage (V)	Output Power dBm dB
				10KHz	100KHz		
FVC7MD-360	330-360	3-10.5	4.7+0.4	≥108	≥128	12V	8 ± 2dB

Notes:

- This VCO is the linear tuning series with modulation input that is designed for PLL systems with active integration filter under +12 supply voltage
- Output impedance is +50 ohm
- In order to lower frequency dragging from power amplifier, it is better to connect a buffer amplifier at output port of VCO.
- Modulation sensitivity can be specified by customers, which should be less than 25% of max of tuning sensitivity under 1V modulation input (peak to peak)
- This VCO also can be operated under +8V supply power, but its output power will be lower
- Operation temperature:-30C-+70C deg

Package



Pin connections

Pins	Functions
1	Power +Vc
2	Rf output
7	Modulation Input
8	Tuning Volt. Input
3,4,5,6	GND