



Add: 4/F.,Xinnuo Building, Neihua Rd.,Nanshan District, Shenzhen 518052, China.
 Tel: 0086 755 26284440 Fax: 0086 755 26445962 26483329
 Site: www.skymicrowave.com Email: sales@skymicrowave.com

The specification and outline drawing of

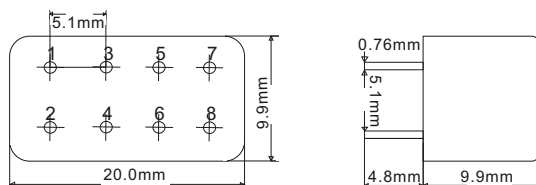
Voltage-Controlled Oscillators

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-950	900-950	1-12V	5+1	≥100	≥110	12V	9 ± 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