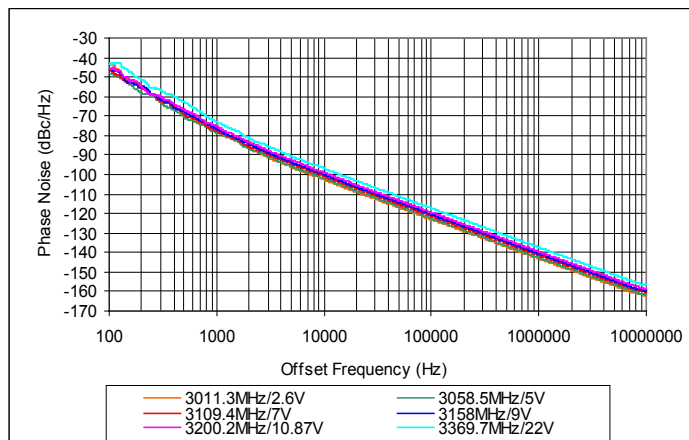
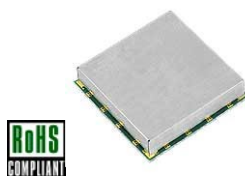
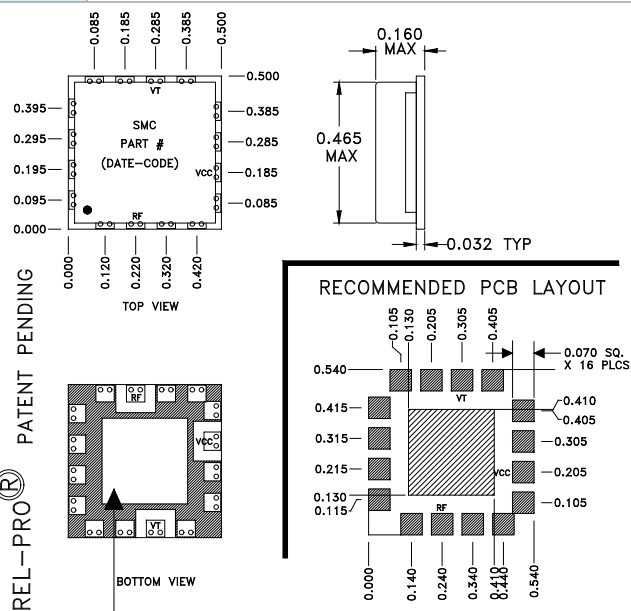


3075 - 3310 MHz



Frequency	3075 - 3310 MHz
Tuning Voltage (Full Band)	0.5 - 20 VDC
Bias Voltage	+10V @ 38mA (Max)
Output Power	+3 dBm (Min)
Tuning Sensitivity	10 - 30 MHz/V (Typ)
Output Impedance	50 Ohms (Nom)
Harmonic Suppression	20 dBc (Typ)
Frequency Pulling	12 MHz (Typ @ 1.75:1 VSWR)
Frequency Pushing	2 MHz/V (Typ)
Phase Noise @ 10 kHz	-102 dBc/Hz (Typ)
Operating Temperature Range	-40 to +85 °C

Tuning Voltage (V)	Frequency (MHz)
0.5	3075 (Max)
12	3175 (Min)
15	3230 (Min)
18	3280 (Min)
20	3310 (Min)



PACKAGE MOUNTING: SEE APPLICATION NOTE AN7200



SYNERGY[®]
MICROWAVE CORPORATION

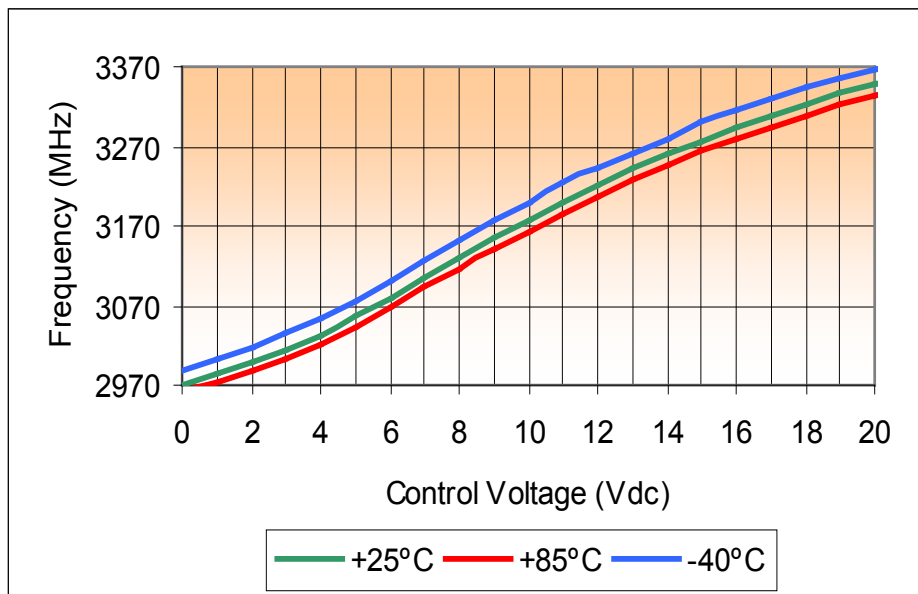
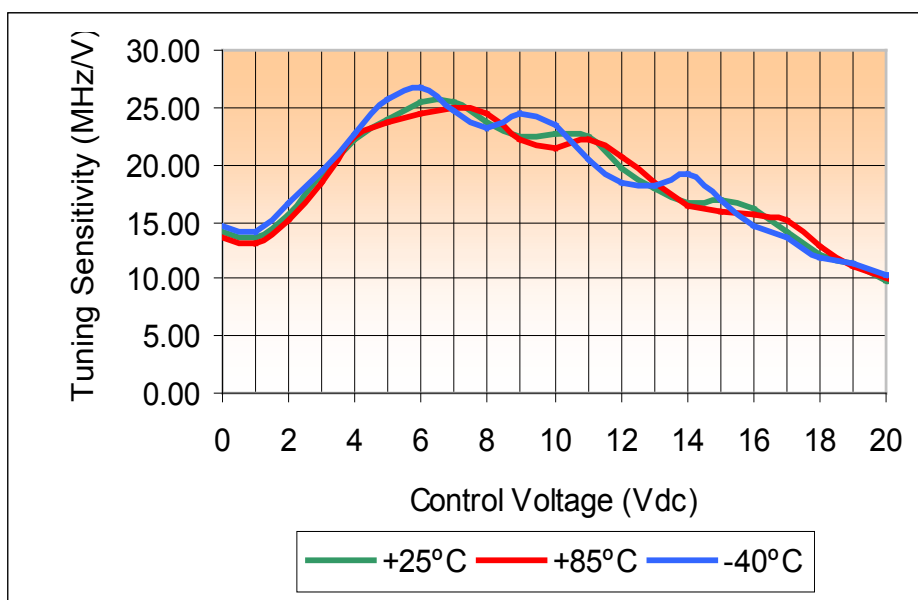
VOLTAGE CONTROLLED OSCILLATOR

SURFACE MOUNT MODEL: DCRO307331-10

OPTIMIZED BANDWIDTH

3075 - 3310 MHz

PERFORMANCE PLOTS



VOLTAGE CONTROLLED OSCILLATOR

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OPTIMIZED BANDWIDTH

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