

VOLTAGE CONTROLLED OSCILLATOR

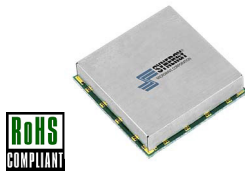
SURFACE MOUNT MODEL: DCRO403432-8

OPTIMIZED BANDWIDTH

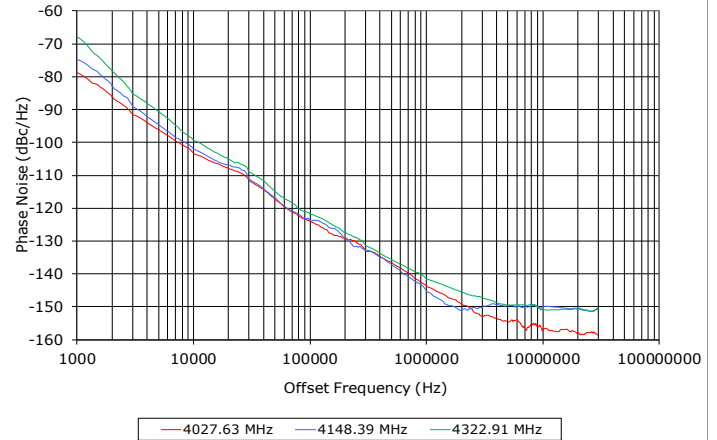
4030 - 4320 MHz

FEATURES:

- ▶ Exceptional Phase Noise Performance
- ▶ Small Size, Surface Mount
- ▶ Lead Free REL-PRO® Technology



Phase Noise



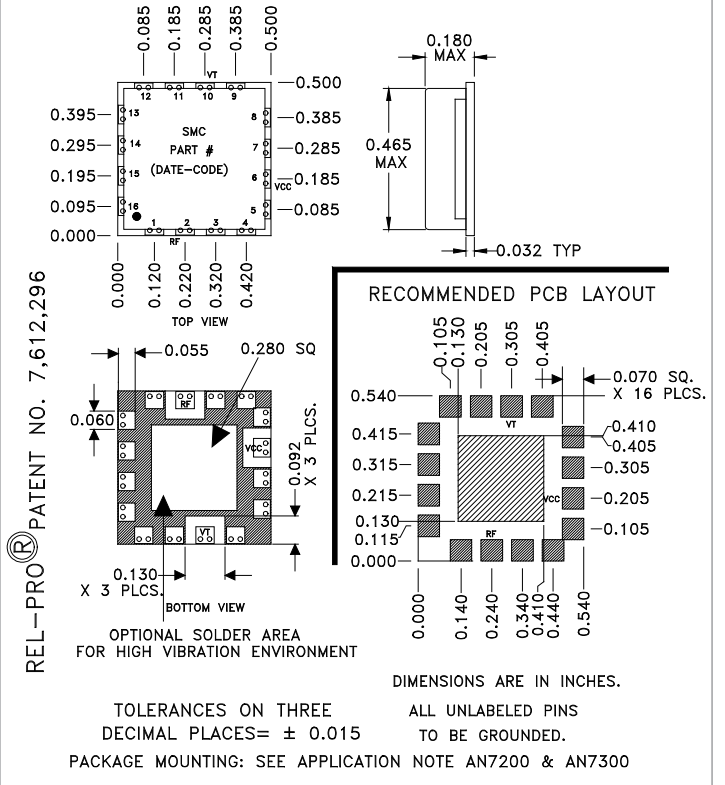
SPECIFICATIONS (Rev. C 05/10/17)

Frequency	4030 - 4320 MHz
Tuning Voltage (Full Band)	See table below
Bias Voltage	+8V @ 35mA (Max.)
Output Power	0 dBm (Min.)
Tuning Sensitivity	10 - 35 MHz/V (Typ.)
Output Impedance	50 Ohms (Nom.)
Harmonic Suppression	15 dB (Typ.)
Frequency Pulling	5 MHz (Typ. @ 1.75:1 VSWR)
Frequency Pushing	5 MHz/V (Typ.)
Phase Noise @ 10 kHz	-102 dBc/Hz (Typ.)
Operating Temperature Range	-40 to +85 °C

Guaranteed Tuning Specifications

Tuning Voltage (V)	Frequency (MHz)
0.5	4030 (Max)
8	4070 (Min)
12	4150 (Min)
16	4320 (Min)

Package # 278LF



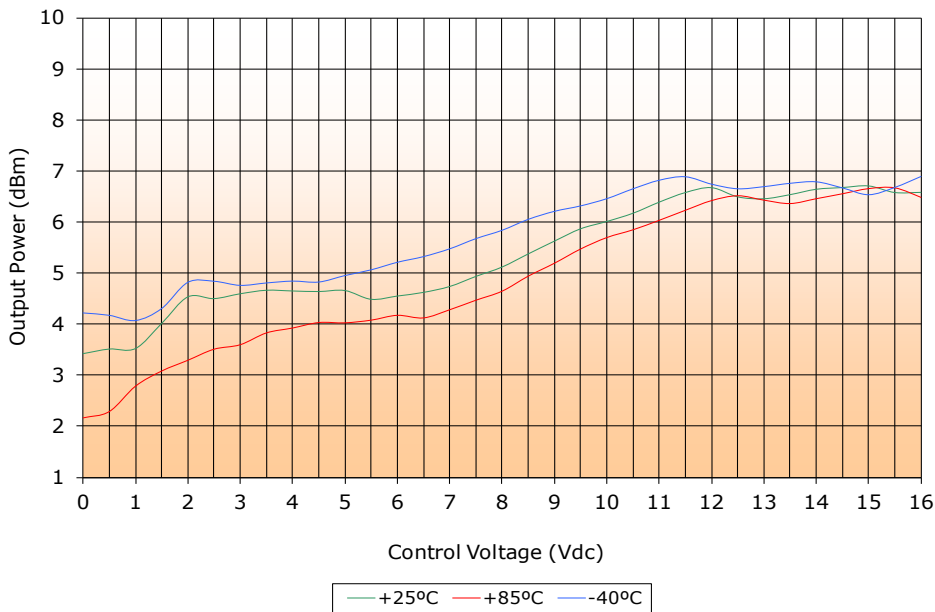
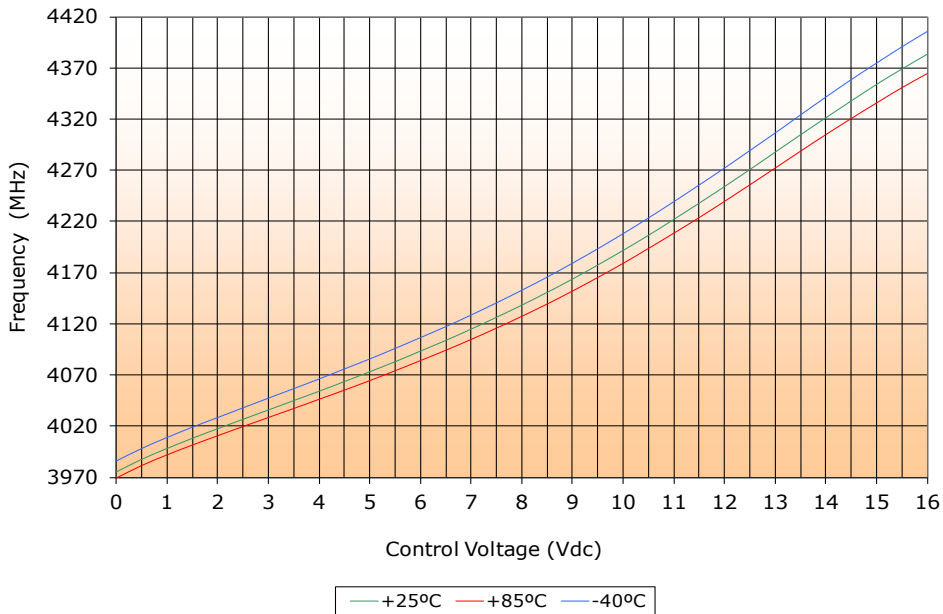
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PERFORMANCE PLOTS



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