

VOLTAGE CONTROLLED OSCILLATOR

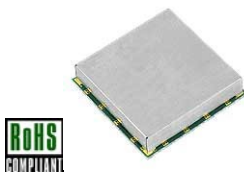
SURFACE MOUNT MODEL: DCMO616-5

WIDE BANDWIDTH

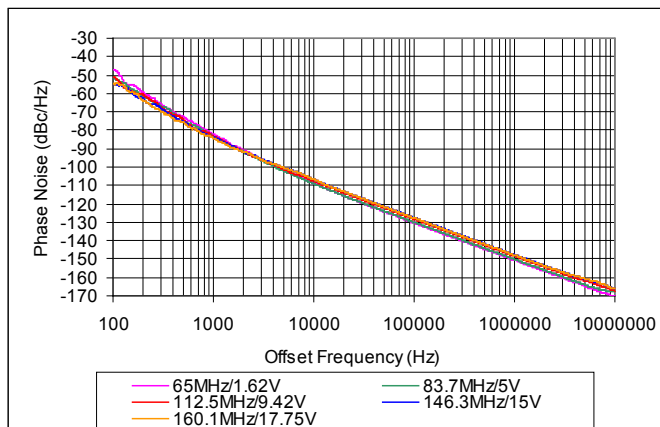
65 - 160 MHz

FEATURES:

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



Phase Noise



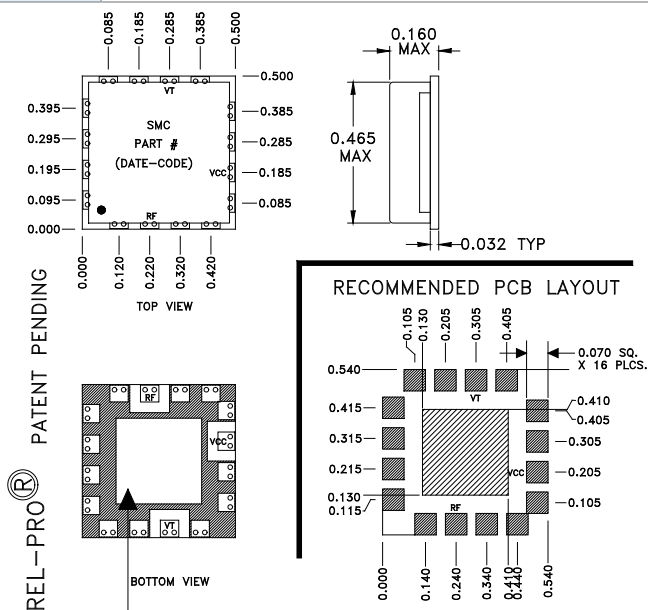
SPECIFICATIONS

Frequency	65 - 160 MHz
Tuning Voltage (Full Band)	0.5 - 24 VDC
Bias Voltage	+5 VDC @ 35 mA (Max)
Output Power	+3 dBm (Min)
Tuning Sensitivity	3.5 - 7 MHz/V (Typ)
Output Impedance	50 Ohms (Nom)
Harmonic Suppression	10 dBc (Typ)
Frequency Pulling	3 MHz (Max @ 1.75:1 VSWR)
Frequency Pushing	1 MHz/V (Max)
Phase Noise @ 10 kHz	-108 dBc/Hz (Typ)
Operating Temperature Range	-40 to +85 °C

Guaranteed Tuning Specifications

Tuning Voltage (V)	Frequency (MHz)
0.5	65 (Max)
5	75 (Min)
8	90 (Min)
12	115 (Min)
15	130 (Min)
18	145 (Min)
24	160 (Min)

Package # 278LF



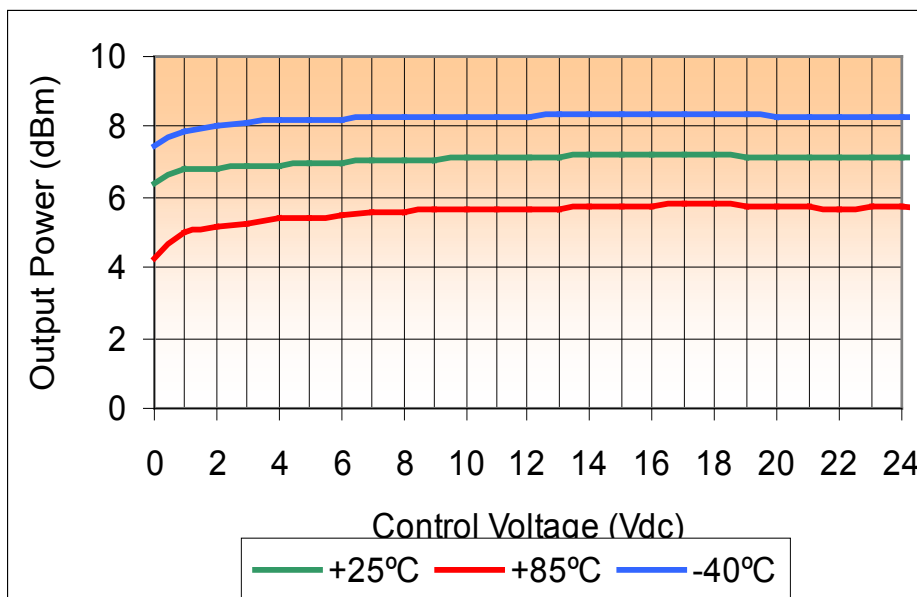
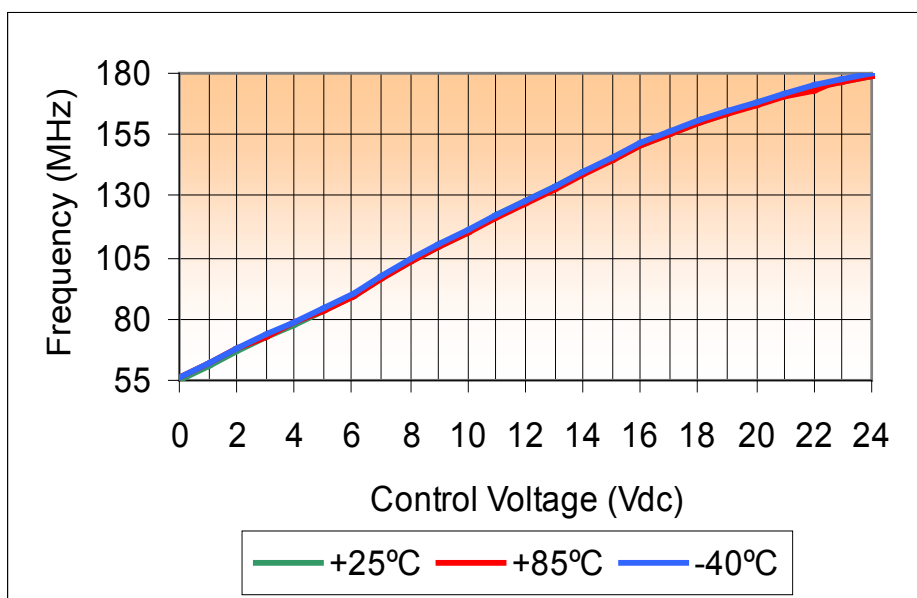
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PERFORMANCE PLOTS



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