

VOLTAGE CONTROLLED OSCILLATOR

SURFACE MOUNT MODEL: DCFO35105-5

WIDE BANDWIDTH

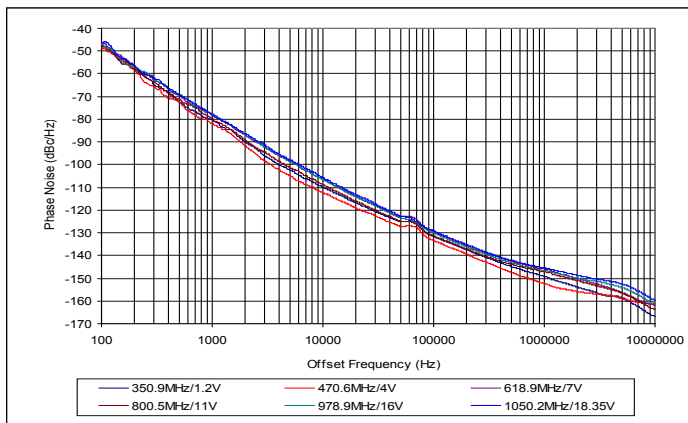
350-1050 MHz

FEATURES:

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



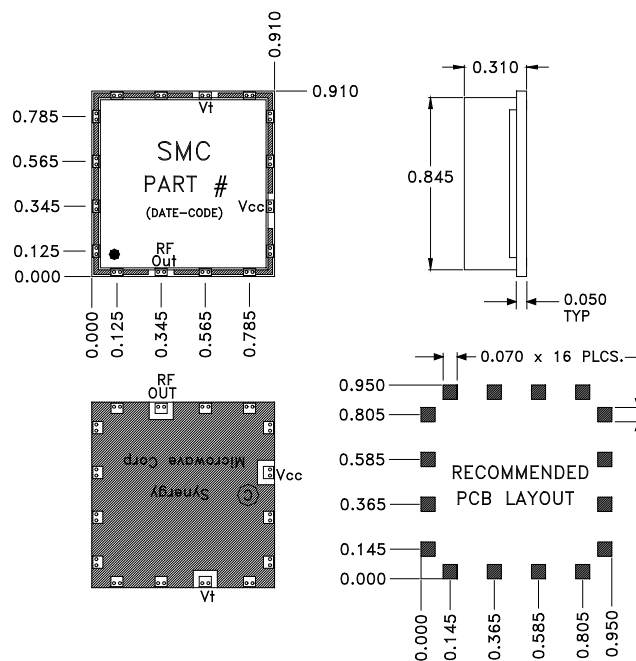
Phase Noise



SPECIFICATIONS (Rev. E 07/13/06)

Frequency	350 - 1050 MHz
Tuning Voltage (Full Band)	0 - 25 VDC (Nom)
Bias Voltage	+5 VDC @ 60 mA (Max)
Output Power	+7 dBm (Min)
Tuning Sensitivity	27 - 54 MHz/V (Typ)
Output Impedance	50 Ohms (Nom)
Harmonic Suppression	25 dBc (Typ)
Frequency Pulling	4 MHz (Max @ 1.75:1 VSWR)
Frequency Pushing	2 MHz/V (Max)
Phase Noise @ 10 kHz	-112 dBc/Hz (Typ)
Operating Temperature Range	-30 to +75 °C

Package # 277



PACKAGE MOUNTING: SEE APPLICATION NOTE AN7200

This product is manufactured under one or more of the following patents:
 Approved: 5,160,810; 5,122,621; 5,390,349; 5,416,449; 5,650,754; 5,805,431; 6,525,623; 6,850,575; 7,088,189; 7,180,381
 Pending: 60/493075; 60/501371 & 60/501790; 60/527957 & 60/528670; 60/563481; 60/564173; 60/589090; 60/601823;
 60/605791; EV31369834; 11/259766; 60/622485 & 60/710310; 10/937525/60/736901; 60/732787
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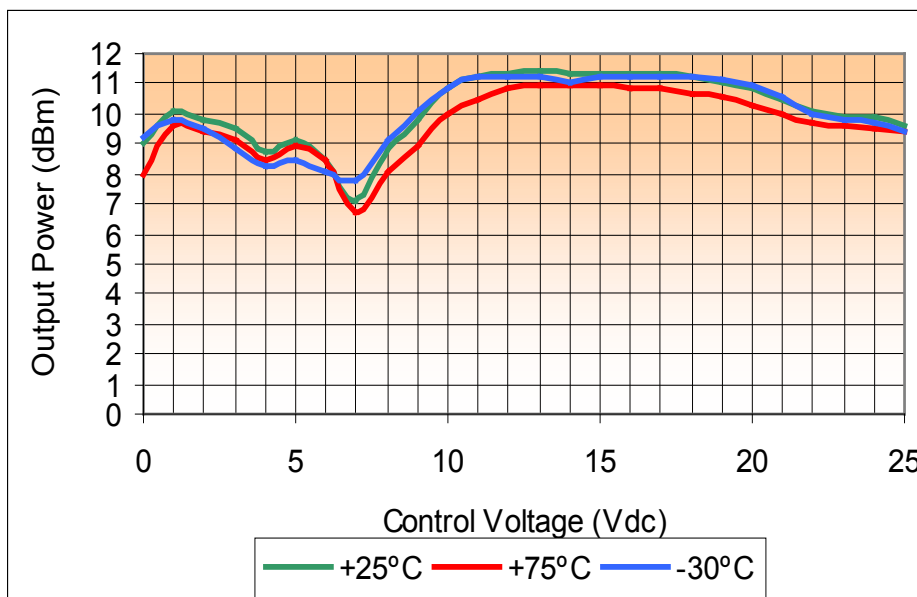
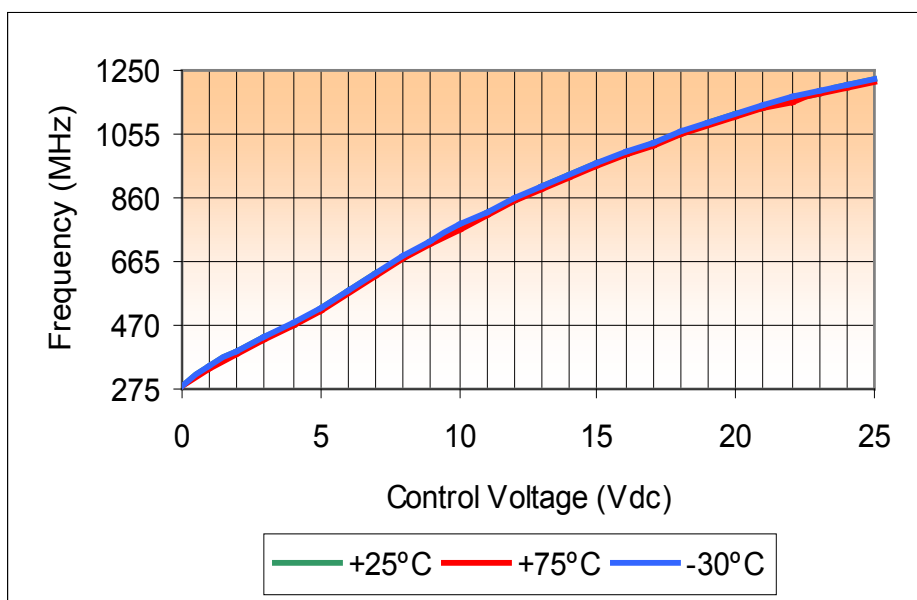
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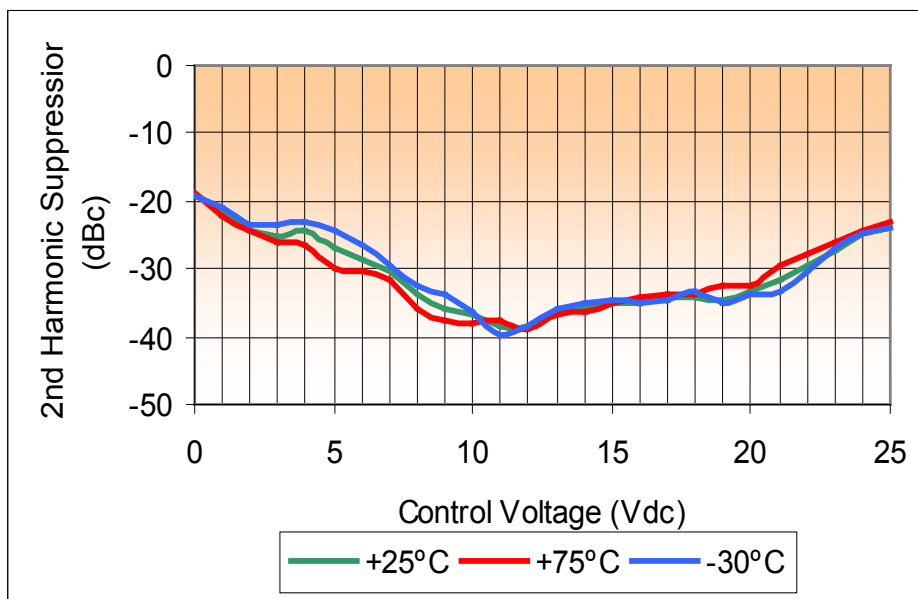
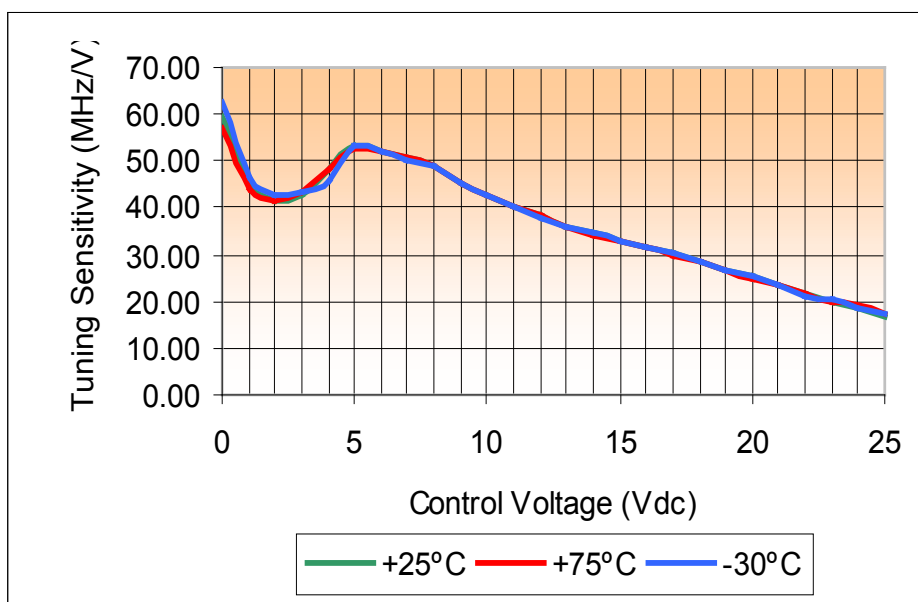
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