

VOLTAGE CONTROLLED OSCILLATOR

查询"DCMO90220-5"供应商

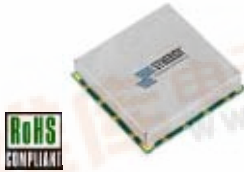
SURFACE MOUNT MODEL: DCMO90220-5

WIDE BANDWIDTH

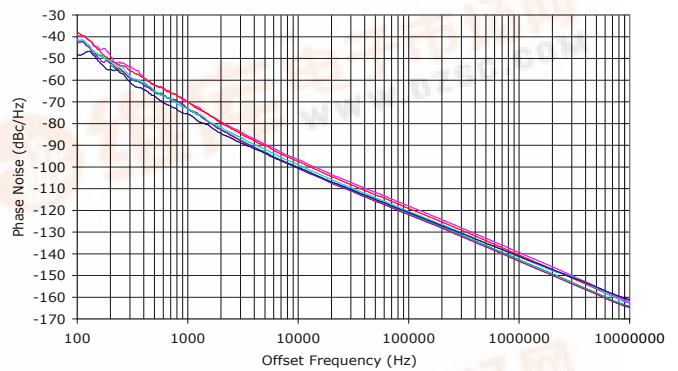
900 - 2200 MHz

FEATURES:

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



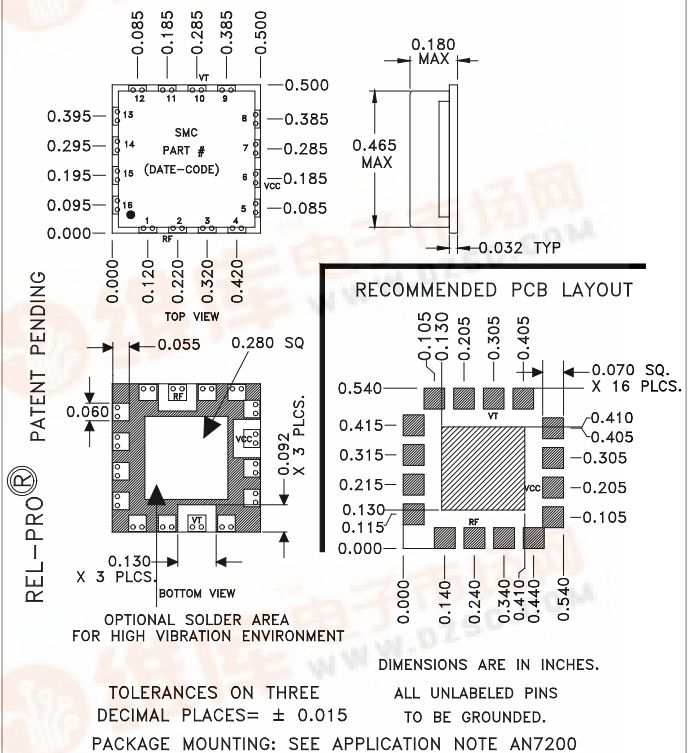
Phase Noise



SPECIFICATIONS (Rev. C 11/19/08)

Frequency	900 - 2200 MHz
Tuning Voltage	0.5 - 24 VDC
Bias Voltage	+5 VDC @ 35 mA (Max.)
Output Power	+4 dBm (Min.)
Tuning Sensitivity	24 - 82 MHz/V (Typ.)
Output Impedance	50 Ohms (Nom.)
Harmonic Suppression	15 dBc (Typ.)
Frequency Pulling	5 MHz (Typ. @ 1.75:1 VSWR)
Frequency Pushing	5 MHz/V (Typ.)
Phase Noise @ 10 kHz	-98 dBc/Hz (Typ.)
Operating Temperature Range	-40 to +85 °C

Package # 278LF



Guaranteed Tuning Specifications

Tuning Voltage (V)	Frequency (MHz)
0.5	900 (Max.)
5	1100 (Min.)
8	1250 (Min.)
12	1500 (Min.)
15	1750 (Min.)
18	1900 (Min.)
24	2200 (Min.)

SPECIFICATIONS ARE SUBJECT TO CHANGE WITHOUT NOTICE.

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; 7,196,591; 7,262,670; 7,265,642; 7,292,113
 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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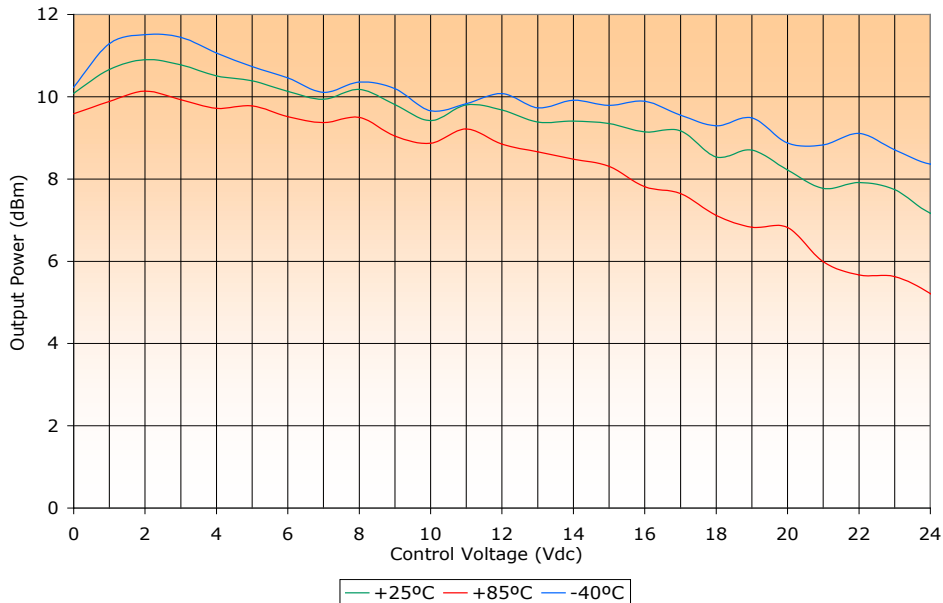
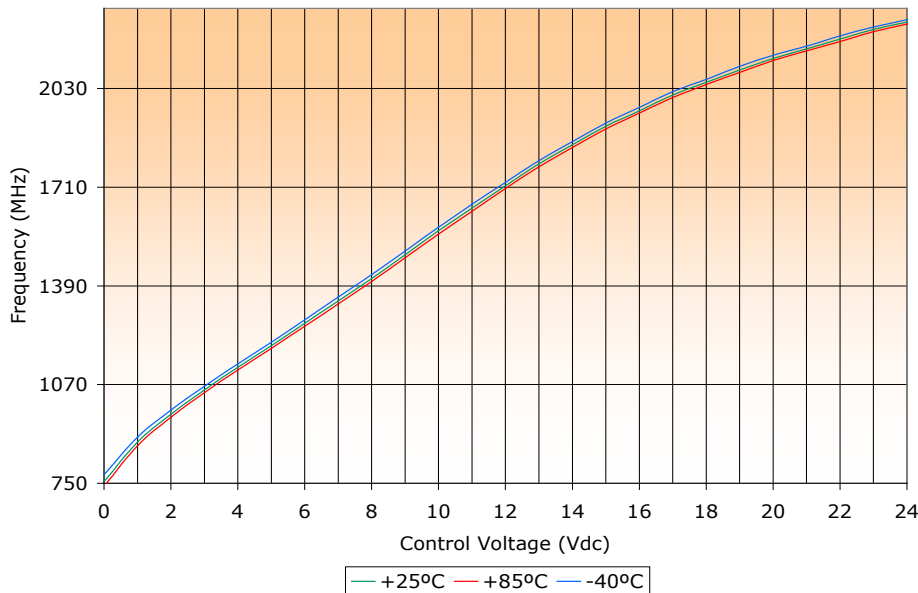
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900 - 2200 MHz

PERFORMANCE PLOTS



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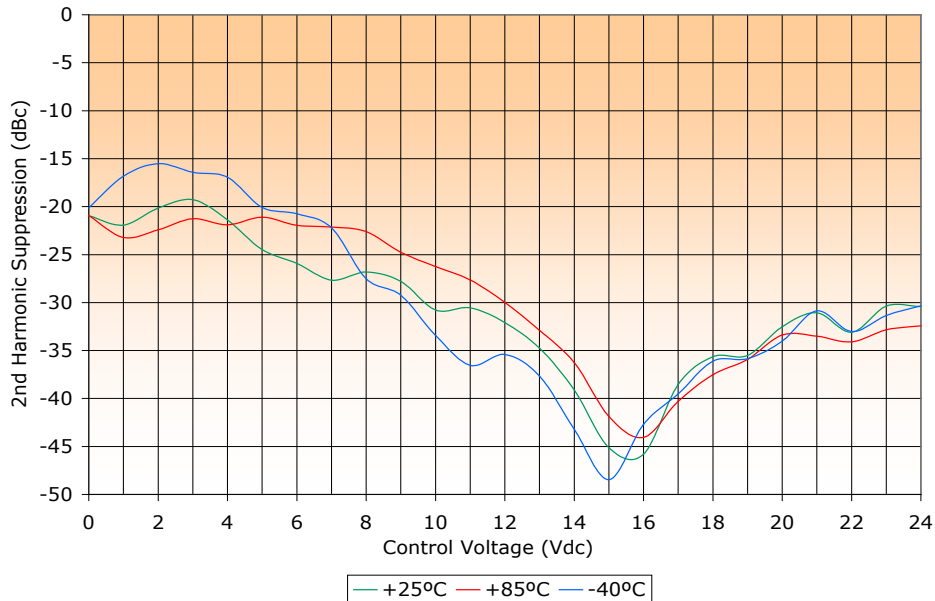
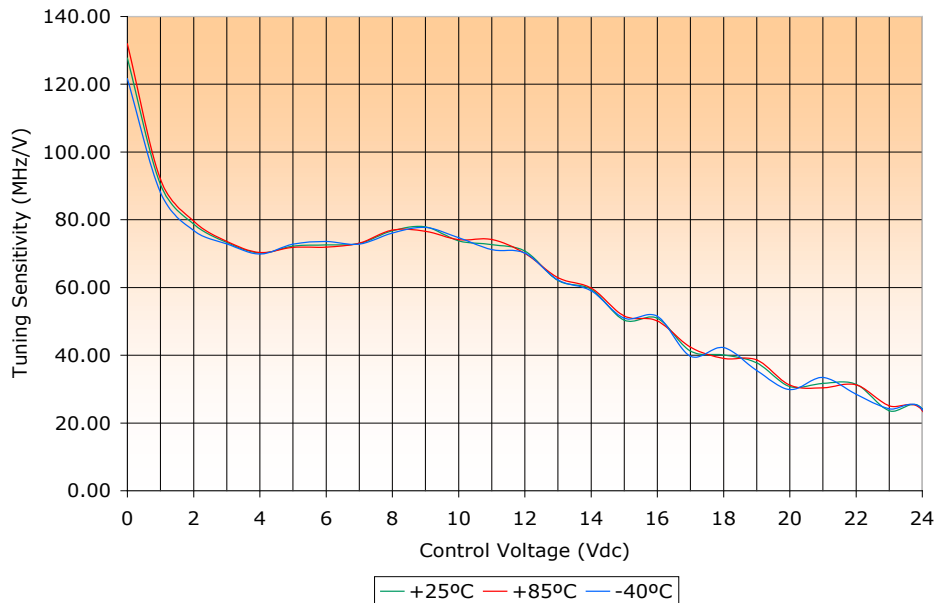
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