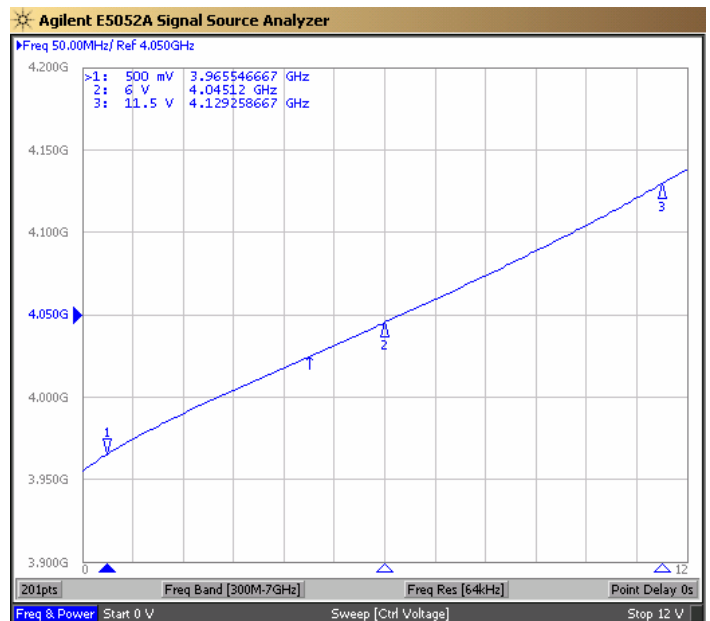
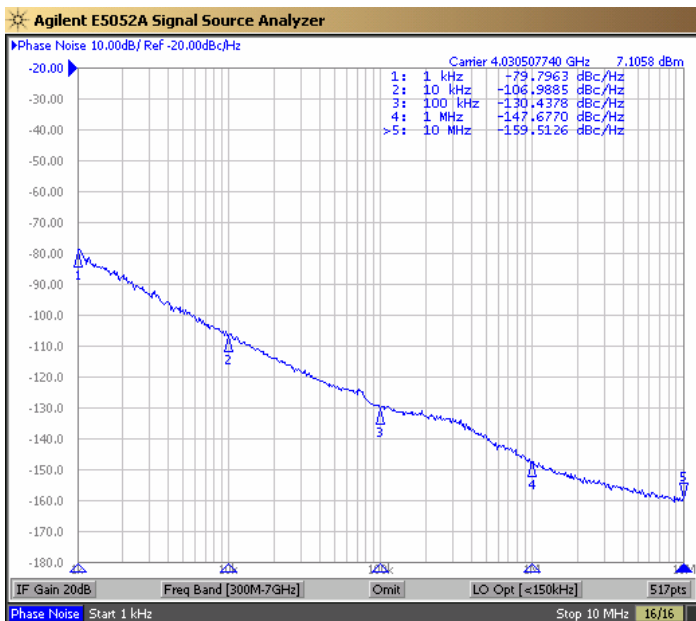


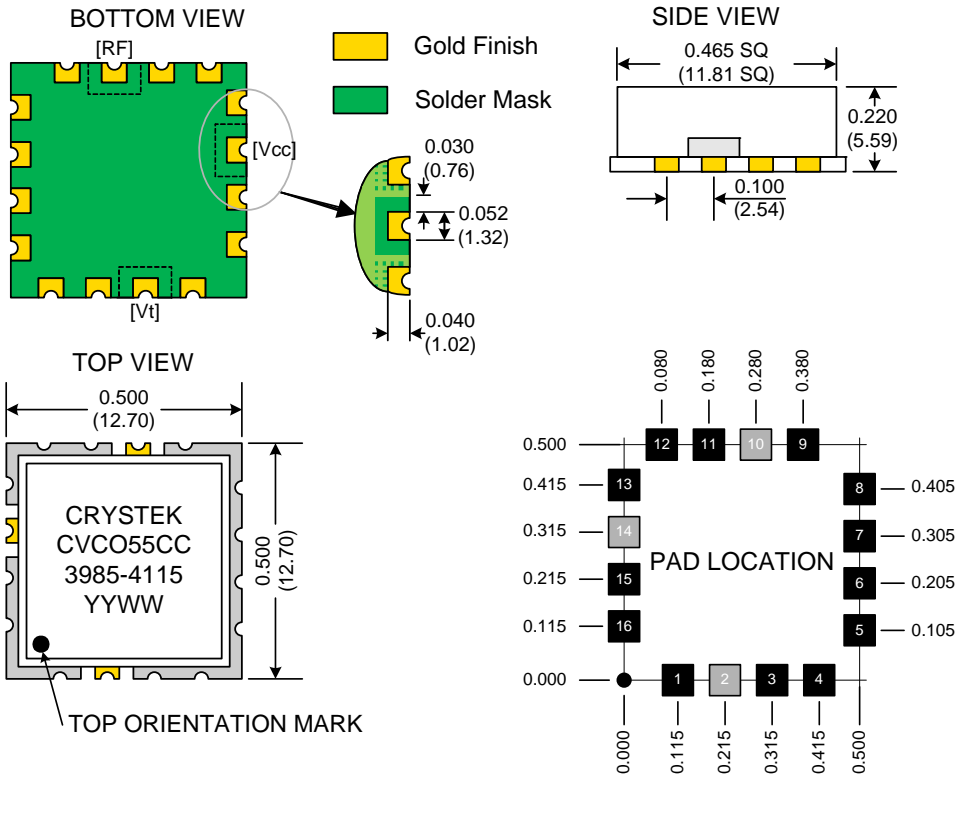


| PERFORMANCE SPECIFICATION | MIN | TYP | MAX | UNITS |
|--|------|------|------|--------------------|
| Lower Frequency: | | | 3985 | MHz |
| Upper Frequency: | 4115 | | | MHz |
| Tuning Voltage: | 0.5 | | 11.5 | VDC |
| Supply Voltage: | 11.4 | 12.0 | 12.6 | VDC |
| Output Power: | +5.0 | +7.0 | +9.0 | dBm |
| Supply Current: | | 35 | 43 | mA |
| Harmonic Suppression (2 nd Harmonic): | | -12 | -8 | dBc |
| Pushing: | | 1.0 | 2.0 | MHz/V |
| Pulling, all Phases: | | 2.5 | 5.0 | MHz pk-pk |
| Tuning Sensitivity: | | 20 | | MHz/V |
| Phase Noise @ 10kHz offset: | | -105 | -102 | dBc/Hz |
| Phase Noise @ 100kHz offset: | | -130 | -127 | dBc/Hz |
| Load Impedance: | | 50 | | Ω |
| Input Capacitance: | | | 5 | pF |
| Operating Temperature Range: | -40 | | +85 | $^{\circ}\text{C}$ |
| Storage Temperature Range: | -45 | | +90 | $^{\circ}\text{C}$ |

Phase Noise (1 Hz BW, Typical)

Tuning Curve (Typical)





TAPE AND REEL



Drawing not to scale

Product Control:

| | | | |
|----------------------|--------------------|---------------|-----------|
| Crystek Part Number: | CVCO55CC-3985-4115 | Release Date: | 25-Feb-08 |
| Revision Level: | B | Responsible: | C. Vales |

Specification is subject to change without notice