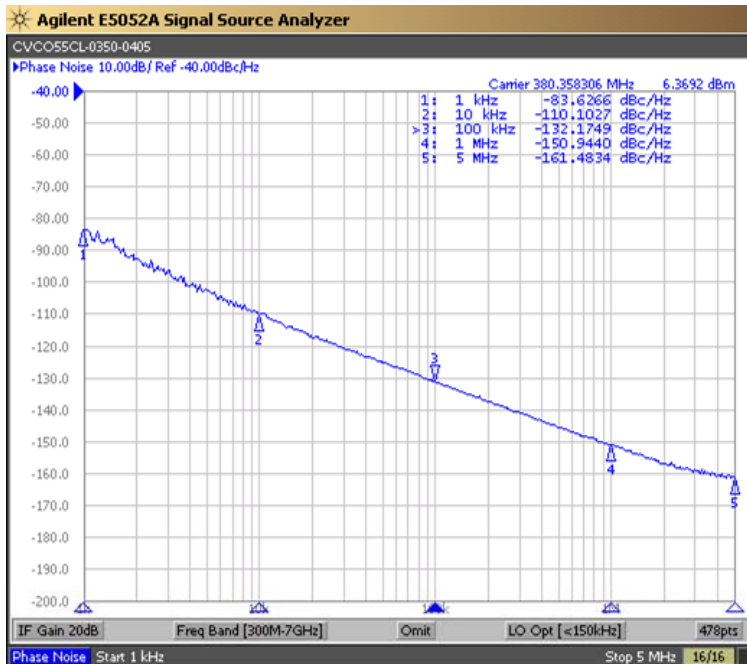


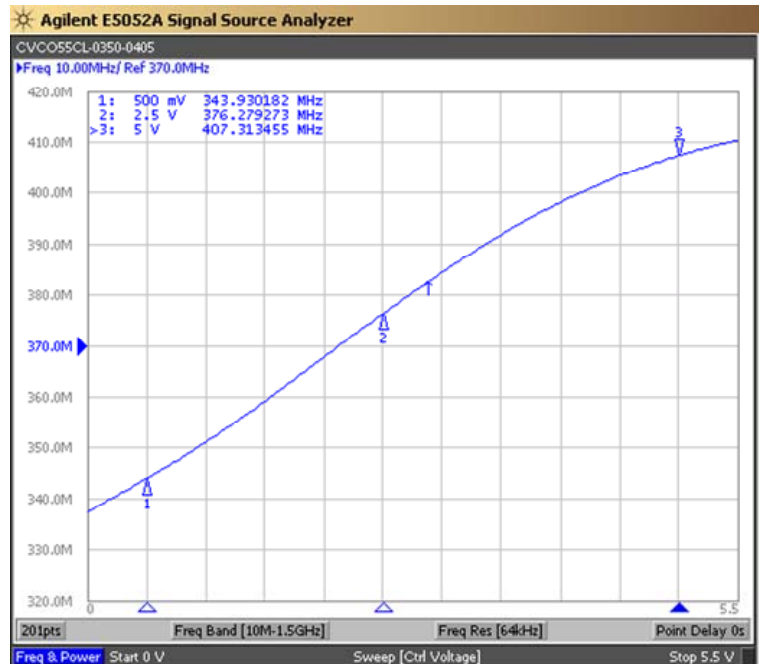


| PERFORMANCE SPECIFICATION | MIN | TYP | MAX | UNITS |
|--|------|-------|-------|--------------|
| Lower Frequency: | | | 350 | MHz |
| Upper Frequency: | 405 | | | MHz |
| Tuning Voltage: | 0.5 | | 5.0 | VDC |
| Supply Voltage: | 4.75 | 5.0 | 5.25 | VDC |
| Output Power: | +4.5 | +7.25 | +10.0 | dBm |
| Supply Current: | | | 15 | mA |
| Harmonic Suppression (2 nd Harmonic): | | -3 | | dBc |
| Pushing: | | | 3.0 | MHz/V |
| Pulling, all Phases: | | | 2.0 | MHz pk-pk |
| Tuning Sensitivity: | | 39 | | MHz/V |
| Phase Noise @ 10kHz offset: | | -110 | | dBc/Hz |
| Phase Noise @ 100kHz offset: | | -133 | | dBc/Hz |
| Load Impedance: | | 50 | | Ω |
| Input Capacitance: | | | 300 | pF |
| Operating Temperature Range: | -40 | | +85 | $^{\circ}$ C |
| Storage Temperature Range: | -45 | | +90 | $^{\circ}$ C |

Phase Noise (1 Hz BW, Typical)



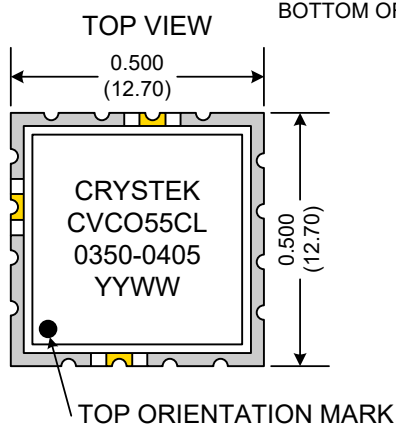
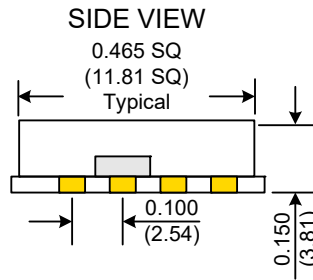
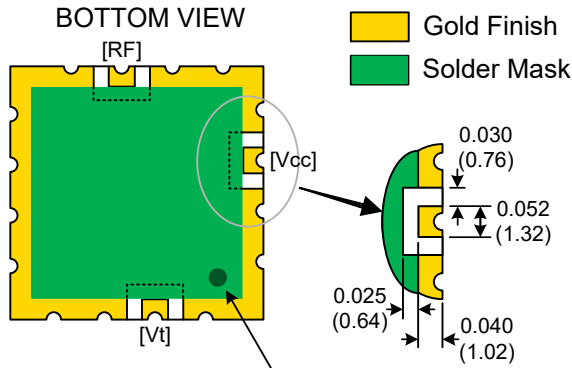
Tuning Curve (Typical)



Product Control:

| | | | |
|----------------------|--------------------|---------------|-------------|
| Crystek Part Number: | CVCO55CL-0350-0405 | Release Date: | 19-Jun-2019 |
| Revision Level: | E | Responsible: | C. Vales |





| Pad | Connection |
|--------|------------|
| 2 | Vt |
| 10 | RF-OUTPUT |
| 14 | Vcc |
| Others | GROUND |

- Unless otherwise specified, Dimensions are in: $\frac{IN}{(mm)}$
- Pad Location Dimensions are in: Inches

TAPE AND REEL



Drawing not to scale

Product Control:

| | | | |
|----------------------|--------------------|---------------|-------------|
| Crystek Part Number: | CVCO55CL-0350-0405 | Release Date: | 19-Jun-2019 |
| Revision Level: | E | Responsible: | C. Vales |

Crystek Corporation reserves the right to make changes to its products and/or information contained herein without notice. No liability is assumed as a result of its use or application.