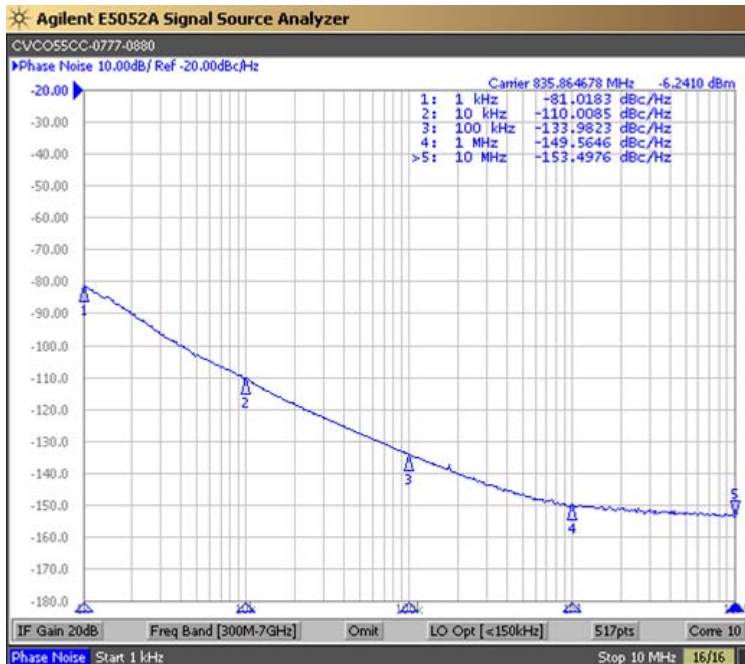


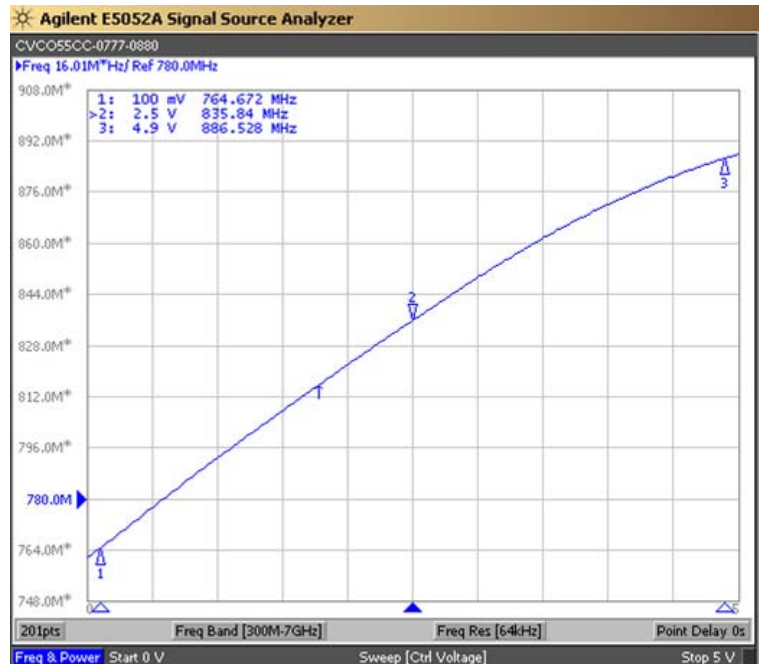


| PERFORMANCE SPECIFICATION | MIN | TYP | MAX | UNITS |
|--|------|------|------|--------------------|
| Lower Frequency: | | | 777 | MHz |
| Upper Frequency: | 880 | | | MHz |
| Tuning Voltage: | 0.1 | | 4.9 | VDC |
| Supply Voltage: | 4.75 | 5.0 | 5.25 | VDC |
| Output Power: | -8.0 | -5.0 | -2.0 | dBm |
| Supply Current: | | | 35 | mA |
| Harmonic Suppression (2 nd Harmonic): | | -15 | -10 | dBc |
| Pushing: | | 1.0 | 1.5 | MHz/V |
| Pulling, all Phases: | | 0.5 | 1.5 | MHz pk-pk |
| Tuning Sensitivity: | | 35 | | MHz/V |
| Phase Noise @ 10kHz offset: | | -110 | | dBc/Hz |
| Phase Noise @ 100kHz offset: | | -130 | | dBc/Hz |
| Load Impedance: | | 50 | | Ω |
| Input Capacitance: | | | 100 | pF |
| Operating Temperature Range: | -40 | | +85 | $^{\circ}\text{C}$ |
| Storage Temperature Range: | -45 | | +90 | $^{\circ}\text{C}$ |

Phase Noise (1 Hz BW, Typical)

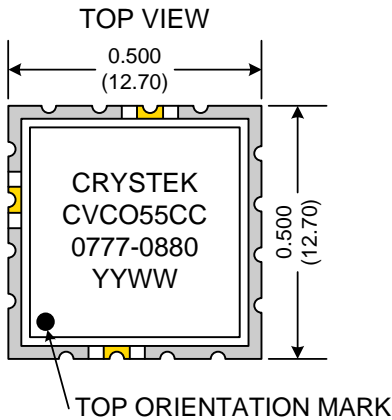


Tuning Curve (Typical)



Product Control:

| | | | |
|----------------------|--------------------|---------------|-------------|
| Crystek Part Number: | CVCO55CC-0777-0880 | Release Date: | 02-Oct-2014 |
| Revision Level: | D | 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: | CVCO55CC-0777-0880 | Release Date: | 02-Oct-2014 |
| Revision Level: | D | Responsible: | C. Vales |

Specification is subject to change without notice

Page 2 of 2

X-ON Electronics

Largest Supplier of Electrical and Electronic Components

Click to view similar products for [VCO Oscillators](#) category:

Click to view products by [Crystek](#) manufacturer:

Other Similar products are found below :

[MAOC-009260-SMB003](#) [MAOC-009261-PKG003](#) [MAOC-009872-000000](#) [MAOC-009264-PKG003](#) [HMC384LP4ETR](#) [CVCO33CL-0110-0150](#) [CVCO33CL-0415-0435](#) [CVCO33CL-0750-0770](#) [HMC1166LP5ETR](#) [HMC391LP4TR](#) [HMC1168LP5ETR](#) [MAOC-009260-PKG003](#) [MAOC-009266-PKG003](#) [HMC511LP5ETR](#) [HMC534LP5ETR](#) [HMC431LP4ETR](#) [HMC3587LP3BETR](#) [CVC055CC-1680-1680](#) [CVCO33CL-0125-0200](#) [CVCO45CL-0100-0140](#) [CVCO45CL-0421-0441](#) [CRBV55BE-1930-1990](#) [MAX2609EUT+T](#) [HMC1160LP5E](#) [HMC1164LP5E](#) [HMC1166LP5E](#) [HMC1167LP5E](#) [HMC1168LP5E](#) [HMC587LC4BTR](#) [HMC732LC4B](#) [HMC358MS8GE](#) [HMC384LP4E](#) [HMC385LP4E](#) [HMC388LP4E](#) [HMC390LP4E](#) [HMC391LP4](#) [HMC391LP4E](#) [HMC398QS16GE](#) [HMC401QS16GE](#) [HMC416LP4E](#) [HMC429LP4E](#) [HMC430LP4E](#) [HMC466LP4E](#) [HMC506LP4](#) [HMC507LP5E](#) [HMC508LP5E](#) [HMC509LP5](#) [HMC510LP5E](#) [HMC511LP5E](#) [HMC512LP5E](#)