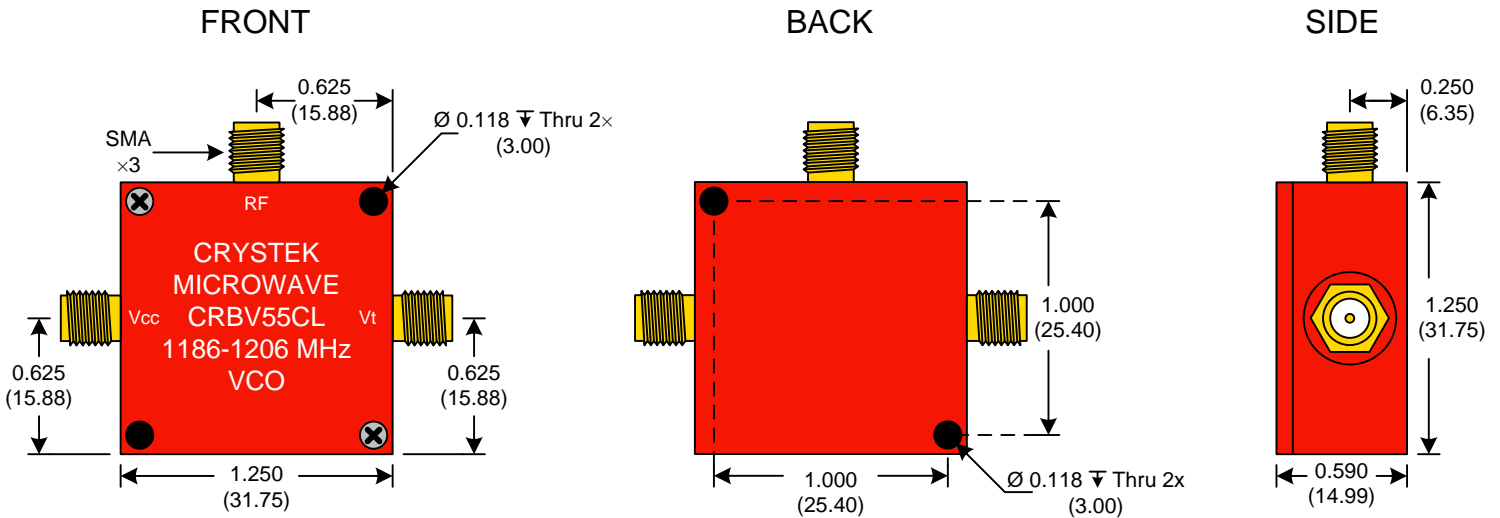




| PERFORMANCE SPECIFICATION                       | MIN  | TYP  | MAX  | UNITS              |
|---|------|------|------|--------------------|
| Lower Frequency:                                |      |      | 1186 | MHz                |
| Upper Frequency:                                | 1206 |      |      | MHz                |
| Tuning Voltage:                                 | 0.3  |      | 3.0  | VDC                |
| Supply Voltage:                                 | 2.97 | 3.3  | 3.63 | VDC                |
| Output Power:                                   | 0    | +2.0 | +4.0 | dBm                |
| Supply Current:                                 |      | 20   |      | mA                 |
| Harmonic Suppression (2 <sup>nd</sup> Harmonic) |      | -15  |      | dBc                |
| Pushing:  |      | 0.5  |      | MHz/V              |
| Pulling, all Phases:                            |      | 2.0  |      | MHz pk-pk          |
| Tuning Sensitivity:                             |      | 15   |      | MHz/V              |
| Phase Noise @ 10kHz offset:                     |      | -103 | -101 | dBc/Hz             |
| Phase Noise @ 100kHz offset:                    |      |      | -125 | dBc/Hz             |
| Load Impedance:                                 |      | 50   |      | $\Omega$           |
| Input Capacitance:                              |      |      | 47   | pF                 |
| Operating Temperature Range:                    | -40  |      | +85  | $^{\circ}\text{C}$ |
| Storage Temperature Range:                      | -45  |      | +90  | $^{\circ}\text{C}$ |



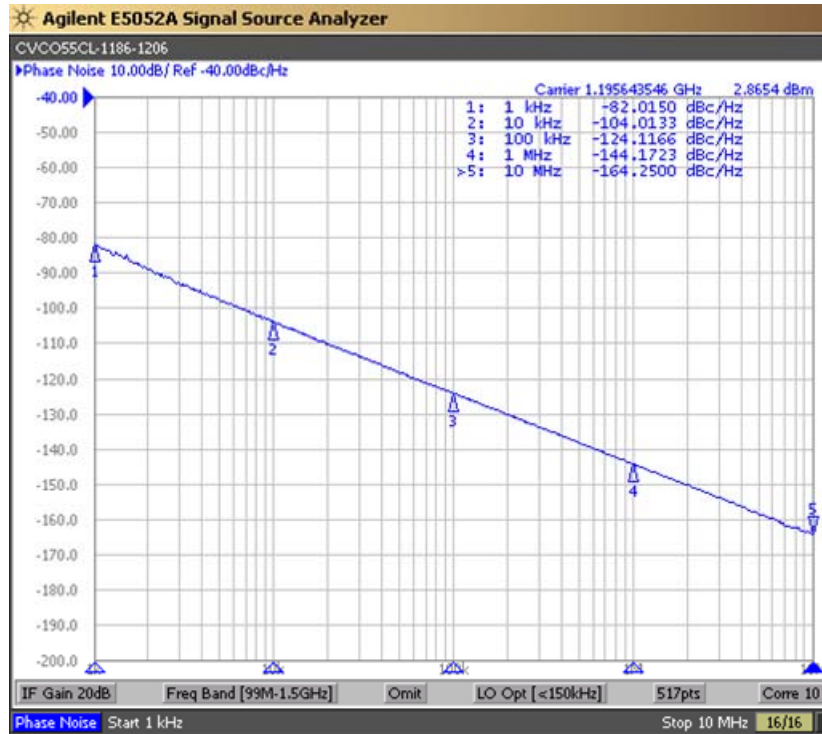
● Unless otherwise specified, Dimensions are in:  $\frac{\text{IN}}{(\text{mm})}$

**Product Control:**

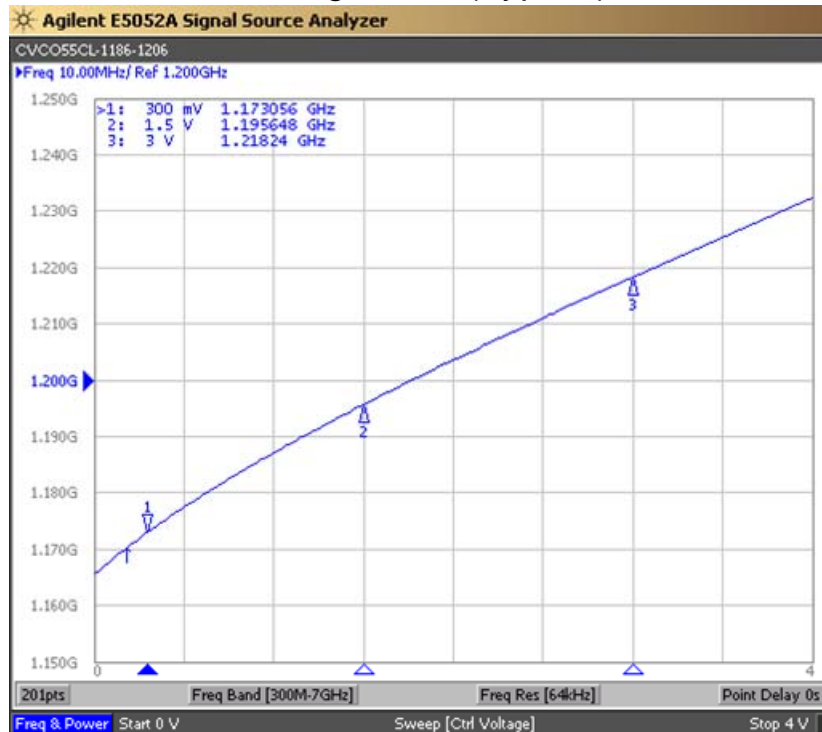
|                      |                    |               |             |
|----------------------|--------------------|---------------|-------------|
| Crystek Part Number: | CRBV55CL-1186-1206 | Release Date: | 30-Nov-2015 |
| Revision Level:      | C                  | Responsible:  | C. Vales    |



Phase Noise (1 Hz BW, Typical)



Tuning Curve (Typical)



**Product Control:**

|                      |                    |               |             |
|----------------------|--------------------|---------------|-------------|
| Crystek Part Number: | CRBV55CL-1186-1206 | Release Date: | 30-Nov-2015 |
| Revision Level:      | C                  | Responsible:  | C. Vales    |

Specification is subject to change without notice

