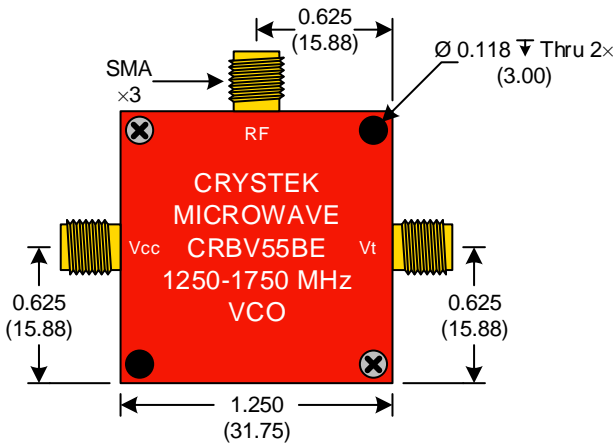
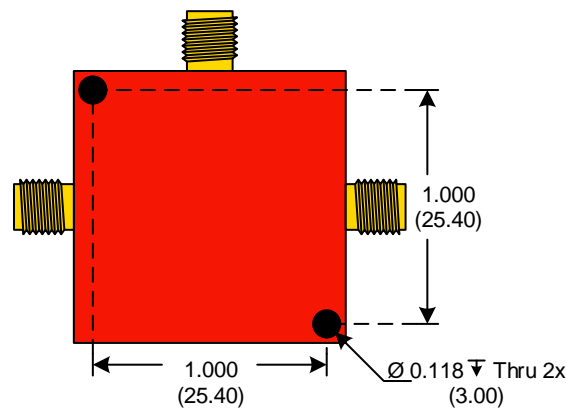


| PERFORMANCE SPECIFICATION | MIN | TYP | MAX | UNITS |
|---|------|------|------|--------------------|
| Lower Frequency: | | | 1250 | MHz |
| Upper Frequency: | 1750 | | | MHz |
| Tuning Voltage: | 0 | | 20 | VDC |
| Supply Voltage: | 4.75 | 5.0 | 5.25 | VDC |
| Output Power: | +2.0 | +4.0 | +6.0 | dBm |
| Supply Current: | | 25 | | mA |
| Harmonic Suppression (2 nd Harmonic) | | -15 | -10 | dBc |
| Pushing: | | 1.0 | | MHz/V |
| Pulling, all Phases: | | 7.0 | | MHz pk-pk |
| Tuning Sensitivity: | | 35 | | MHz/V |
| Phase Noise @ 10kHz offset: | | -100 | | dBc/Hz |
| Phase Noise @ 100kHz offset: | | -120 | | dBc/Hz |
| Load Impedance: | | 50 | | Ω |
| Input Capacitance: | | | 47 | pF |
| Operating Temperature Range: | -20 | | +70 | $^{\circ}\text{C}$ |
| Storage Temperature Range: | -40 | | +85 | $^{\circ}\text{C}$ |

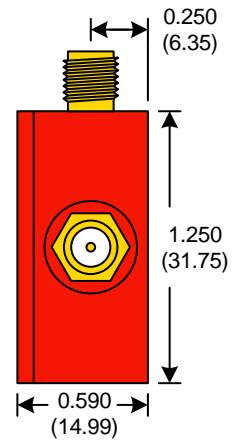
FRONT



BACK



SIDE

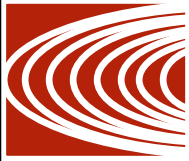


● Unless otherwise specified, Dimensions are in: $\frac{\text{IN}}{\text{mm}}$

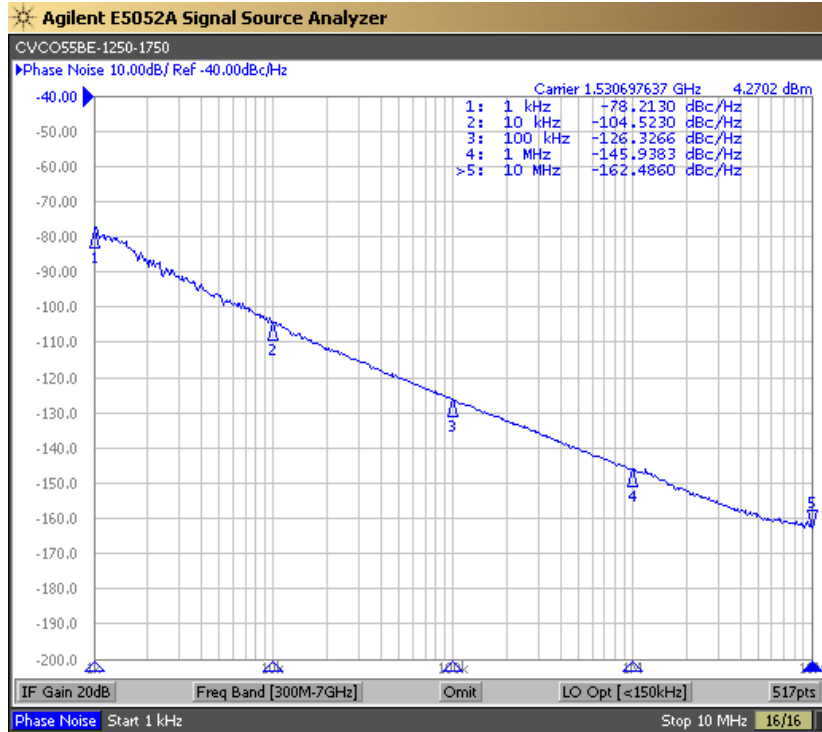
Product Control:

| | | | |
|----------------------|--------------------|---------------|-------------|
| Crystek Part Number: | CRBV55BE-1250-1750 | Release Date: | 26-Nov-2012 |
| Revision Level: | B | Responsible: | C. Vales |

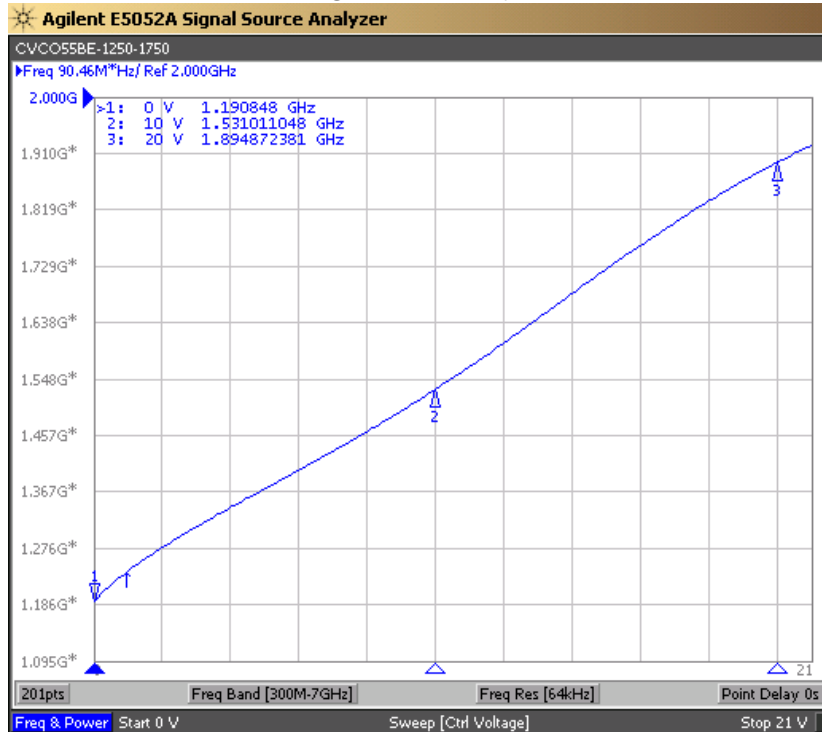




Phase Noise (1 Hz BW, Typical)



Tuning Curve (Typical)



Product Control:

| | | | |
|----------------------|--------------------|---------------|-------------|
| Crystek Part Number: | CRBV55BE-1250-1750 | Release Date: | 26-Nov-2012 |
| Revision Level: | B | Responsible: | C. Vales |

Specification is subject to change without notice

