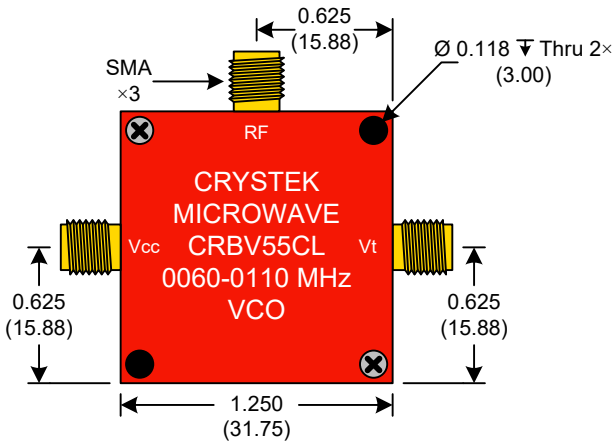


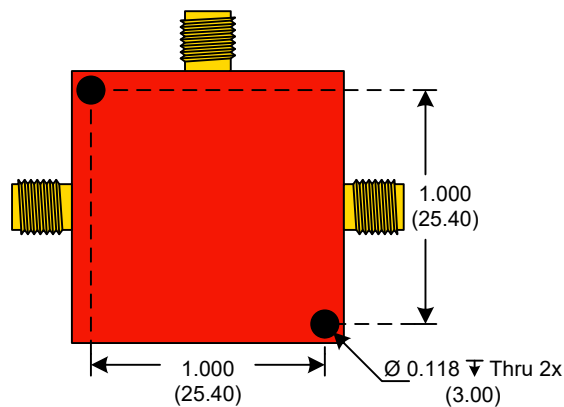


| PERFORMANCE SPECIFICATION | MIN | TYP | MAX | UNITS |
|---|------|------|-------|--------------|
| Lower Frequency: | | | 60 | MHz |
| Upper Frequency: | 110 | | | MHz |
| Tuning Voltage: | 0.5 | | 10.0 | VDC |
| Supply Voltage: | 4.75 | 5.0 | 5.25 | VDC |
| Output Power: | +5.0 | +8.5 | +12.0 | dBm |
| Supply Current: | | | 25 | mA |
| Harmonic Suppression (2 nd Harmonic) | | -10 | | dBc |
| Pushing: | | | 0.5 | MHz/V |
| Pulling, all Phases: | | | 0.5 | MHz pk-pk |
| Tuning Sensitivity: | | 8 | | MHz/V |
| Phase Noise @ 10kHz offset: | | -114 | | dBc/Hz |
| Phase Noise @ 100kHz offset: | | -135 | | dBc/Hz |
| Load Impedance: | | 50 | | Ω |
| Input Capacitance: | | | 330 | pF |
| Operating Temperature Range: | -40 | | +85 | $^{\circ}$ C |
| Storage Temperature Range: | -45 | | +90 | $^{\circ}$ C |

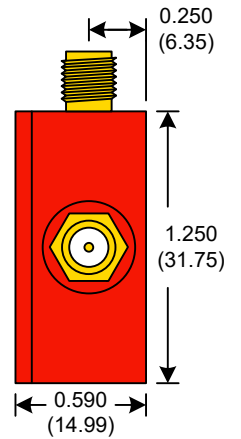
FRONT



BACK



SIDE



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

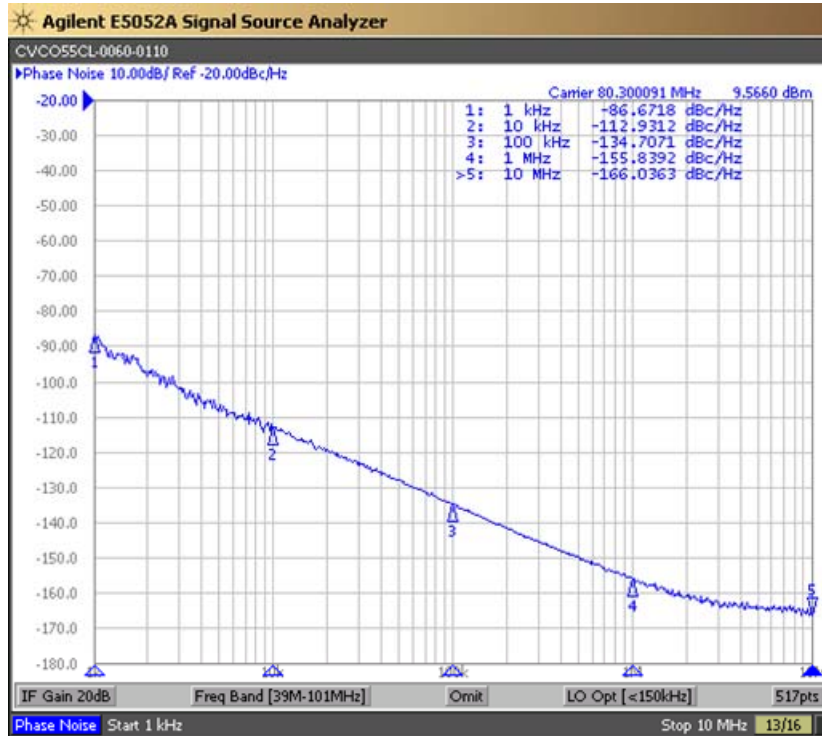
Product Control:

| | | | |
|----------------------|--------------------|---------------|-------------|
| Crystek Part Number: | CRBV55CL-0060-0110 | Release Date: | 23-May-2018 |
| Revision Level: | G | Responsible: | C. Vales |

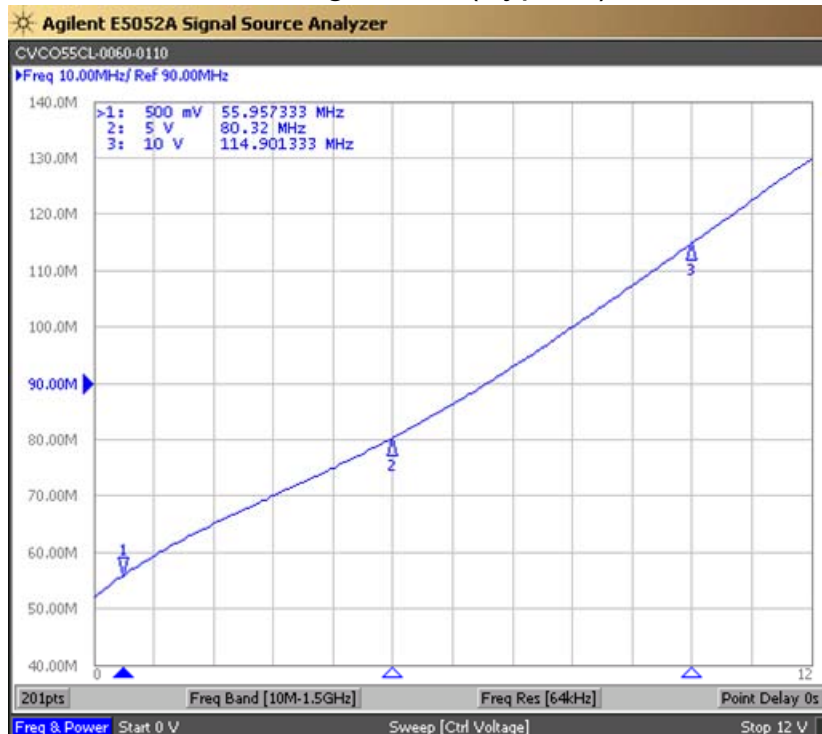




Phase Noise (1 Hz BW, Typical)



Tuning Curve (Typical)



Product Control:

| | | | |
|----------------------|--------------------|---------------|-------------|
| Crystek Part Number: | CRBV55CL-0060-0110 | Release Date: | 23-May-2018 |
| Revision Level: | G | Responsible: | C. Vales |

Specification is subject to change without notice



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