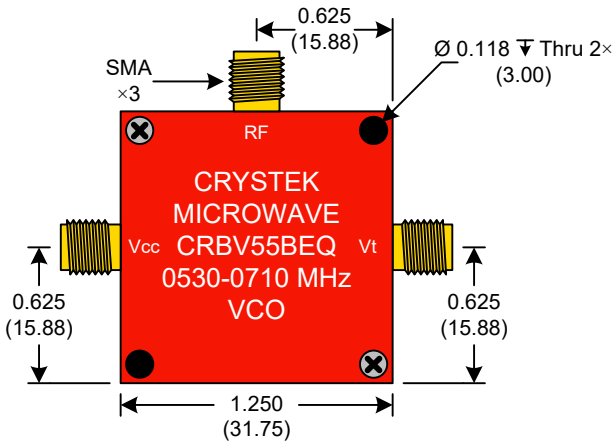


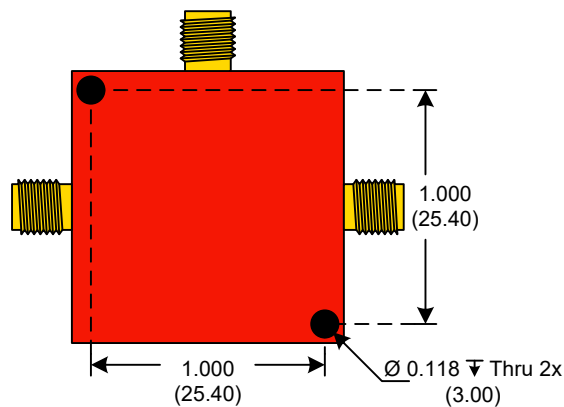


| PERFORMANCE SPECIFICATION | MIN | TYP | MAX | UNITS |
|---|------|------|------|--------------|
| Lower Frequency: | | | 530 | MHz |
| Upper Frequency: | 710 | | | MHz |
| Tuning Voltage: | 0.5 | | 4.5 | VDC |
| Supply Voltage: | 4.75 | 5.0 | 5.25 | VDC |
| Output Power: | -2.0 | +1.0 | +4.0 | dBm |
| Supply Current: | | 10 | 20 | mA |
| Harmonic Suppression (2 nd Harmonic) | | -10 | | dBc |
| Pushing: | | | 2.0 | MHz/V |
| Pulling, all Phases: | | | 4.0 | MHz pk-pk |
| Tuning Sensitivity: | | 70 | | MHz/V |
| Phase Noise @ 10kHz offset: | | -105 | | dBc/Hz |
| Phase Noise @ 100kHz offset: | | -125 | | dBc/Hz |
| Load Impedance: | | 50 | | Ω |
| Input Capacitance: | | | 100 | pF |
| Operating Temperature Range: | -40 | | +85 | $^{\circ}$ C |
| Storage Temperature Range: | -45 | | +90 | $^{\circ}$ C |

FRONT



BACK



SIDE



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

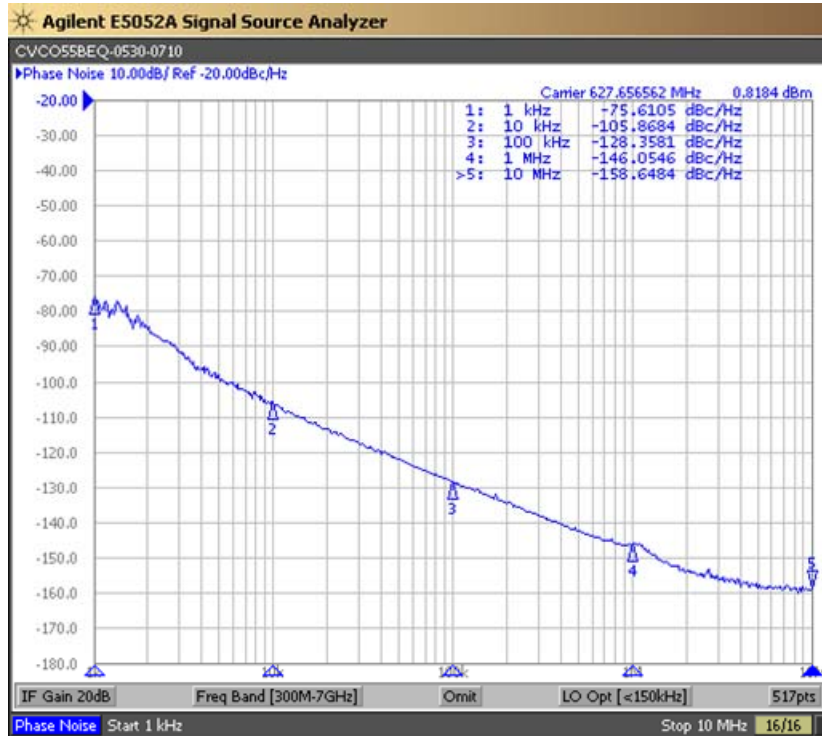
Product Control:

| | | | |
|----------------------|---------------------|---------------|-------------|
| Crystek Part Number: | CRBV55BEQ-0530-0710 | Release Date: | 13-Oct-2017 |
| Revision Level: | D | Responsible: | C. Vales |

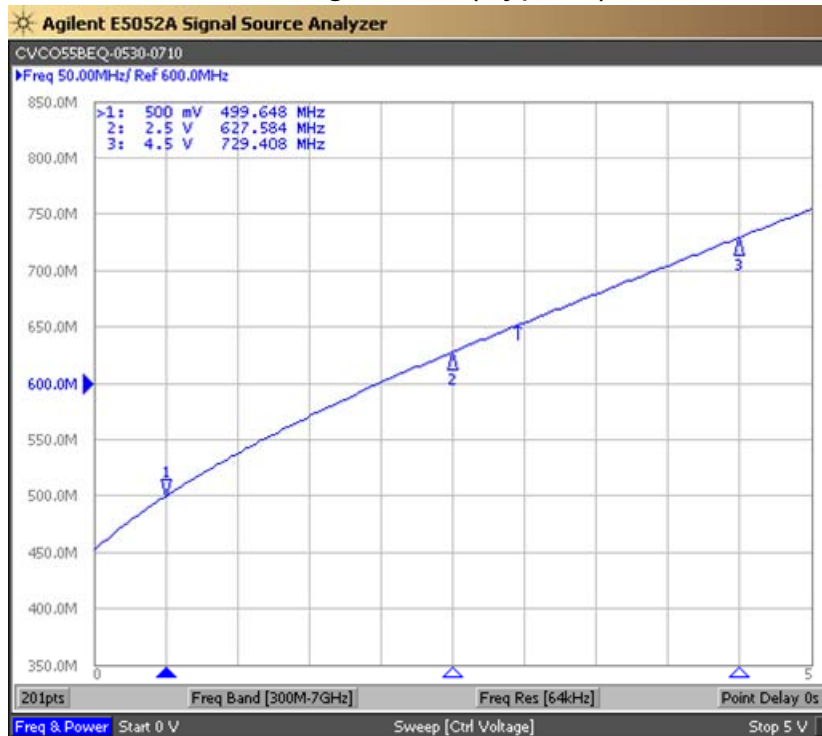




Phase Noise (1 Hz BW, Typical)



Tuning Curve (Typical)



Product Control:

| | | | |
|----------------------|---------------------|---------------|-------------|
| Crystek Part Number: | CRBV55BEQ-0530-0710 | Release Date: | 13-Oct-2017 |
| Revision Level: | D | Responsible: | C. Vales |

Specification is subject to change without notice

