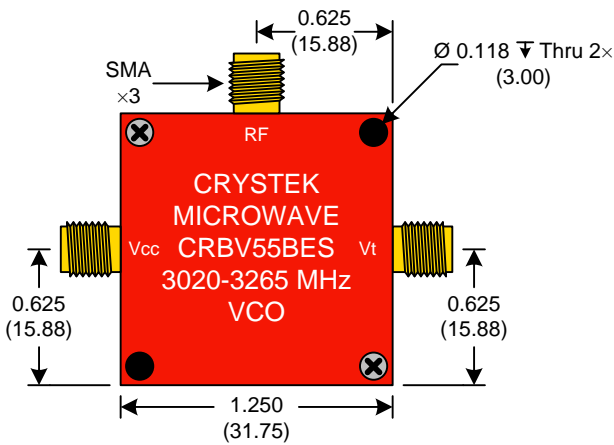




| PERFORMANCE SPECIFICATION | MIN | TYP | MAX | UNITS |
|---|------|------|------|--------------|
| Lower Frequency: | | | 3020 | MHz |
| Upper Frequency: | 3265 | | | MHz |
| Tuning Voltage: | 0.5 | | 11.5 | VDC |
| Supply Voltage: | 6.46 | 6.80 | 7.14 | VDC |
| Output Power: | +3.0 | +5.0 | +7.0 | dBm |
| Supply Current: | | 25 | 40 | mA |
| Harmonic Suppression (2 nd Harmonic) | | -15 | -10 | dBc |
| Pushing: | | 2.0 | 3.0 | MHz/V |
| Pulling, all Phases: | | 2.0 | 3.0 | MHz pk-pk |
| Tuning Sensitivity: | | 30 | | MHz/V |
| Phase Noise @ 10kHz offset: | | -100 | -95 | dBc/Hz |
| Phase Noise @ 100kHz offset: | | -119 | -116 | dBc/Hz |
| Load Impedance: | | 50 | | Ω |
| Input Capacitance: | | | 50 | 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: | CRBV55BES-3020-3265 | Release Date: | 15-Dec-2014 |
| Revision Level: | E | Responsible: | C. Vales |





Phase Noise (1 Hz BW, Typical)



Tuning Curve (Typical)



Product Control:

| | | | |
|----------------------|---------------------|---------------|-------------|
| Crystek Part Number: | CRBV55BES-3020-3265 | Release Date: | 15-Dec-2014 |
| Revision Level: | E | Responsible: | C. Vales |

Specification is subject to change without notice

