

查询"CRBV55BE-2000-2800"供应商

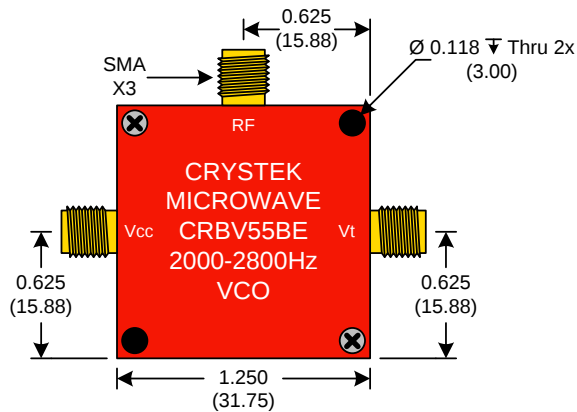
**CRYSTEK**  
**MICROWAVE**  
A DIVISION OF CRYSTEK CORPORATION

**RedBox** VCO  
CRBV55BE-2000-2800

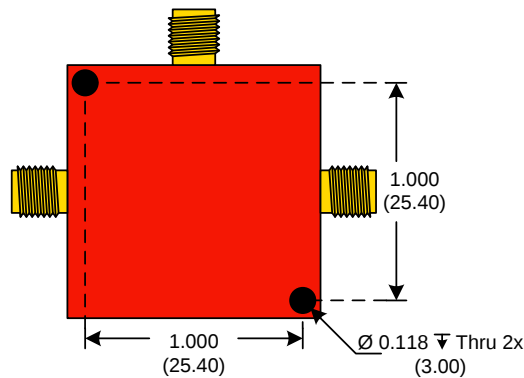


| PERFORMANCE SPECIFICATION                       | MIN  | TYP  | MAX   | UNITS     |
|-------------------------------------------------|------|------|-------|-----------|
| Lower Frequency:                                |      |      | 2000  | MHz       |
| Upper Frequency:                                | 2800 |      |       | MHz       |
| Tuning Voltage:                                 | 1.0  |      | 24.0  | VDC       |
| Supply Voltage:                                 | 4.75 | 5.0  | 5.25  | VDC       |
| Output Power:                                   | 0    | +5.0 | +10.0 | dBm       |
| Supply Current:                                 |      |      | 25    | mA        |
| Harmonic Suppression (2 <sup>nd</sup> Harmonic) |      |      | -15   | dBc       |
| Pushing:                                        |      |      | 5.0   | MHz/V     |
| Pulling, all Phases:                            |      |      | 10.0  | MHz pk-pk |
| Tuning Sensitivity:                             |      | 70   |       | MHz/V     |
| Phase Noise @ 10kHz offset:                     |      |      | -92   | dBc/Hz    |
| Phase Noise @ 100kHz offset:                    |      |      | -114  | dBc/Hz    |
| Load Impedance:                                 |      | 50   |       | $\Omega$  |
| Input Capacitance:                              |      |      | 22    | pF        |
| Operating Temperature Range:                    | -40  |      | +85   | °C        |
| Storage Temperature Range:                      | -45  |      | +90   | °C        |

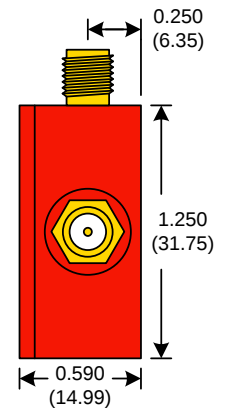
FRONT



BACK



SIDE



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

Product Control:

|                      |                    |               |           |
|----------------------|--------------------|---------------|-----------|
| Crystek Part Number: | CRBV55BE-2000-2800 | Release Date: | 20-Dec-07 |
| Revision Level:      | A                  | Responsible:  | C. Vales  |

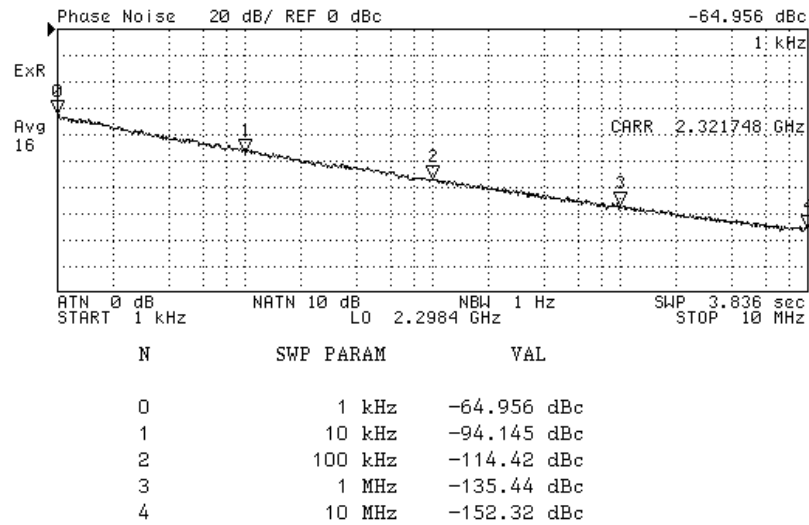
Page 1 of 2



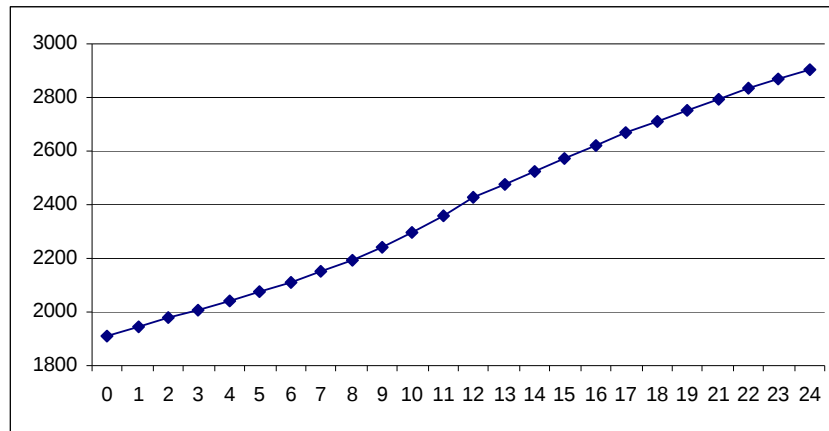
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### Phase Noise (1 Hz BW, Typical)



### Tuning Curve (Typical)



#### Product Control:

|                      |                    |               |           |
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Specification is subject to change without notice