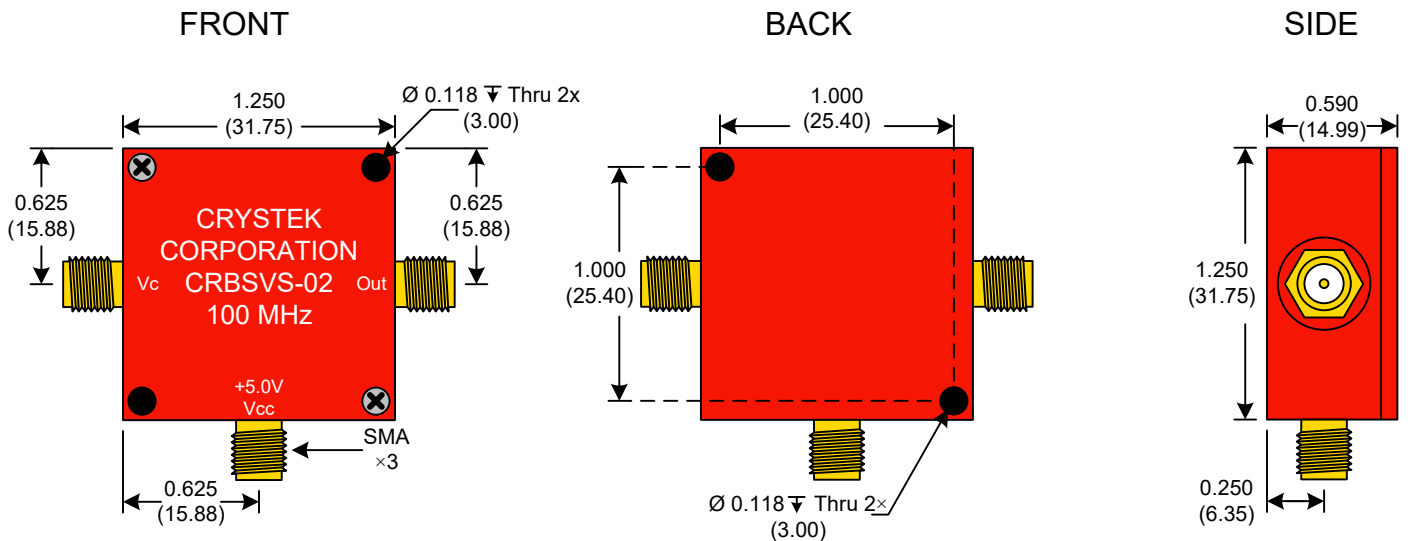




Frequency:	100.000 MHz
Temperature Range:	0°C to 70°C
Input Voltage:	+5.0 V ±5%
Input Current:	30 mA Max
Control Voltage Range:	0V to 5.0V
Tuning Sensitivity (Kv):	+25 ppm/V Typical
Modulation Bandwidth:	>10 kHz @ -3 dB
Settability At Nominal (25°C):	2.5V ±0.5V
Output:	TrueSineWave
Pullability APR:	±20ppm Typical
Linearity:	±10% Max
Output Power:	+5 dBm Min, +7 dBm Typical
Start-up Time:	2 ms Typical, 5 ms Max
Load:	50 Ω
2nd Harmonic:	-25 dBc Max
Sub-Harmonics:	None
Phase Noise Typical:	10 Hz -80 dBc/Hz
	100 Hz -115 dBc/Hz
	1 kHz -140 dBc/Hz
	10 kHz -162 dBc/Hz
	100 kHz -170 dBc/Hz
	1 MHz -170 dBc/Hz
Aging:	<3 ppm 1 st year, <1 ppm every year thereafter



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

Product Control:			
Crystek Part Number:	CRBSVS-02-100.000	Release Date:	29-Mar-2023
Revision Level:	D	Responsible:	C. Vales

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