

CRYSTEK MICROWAVE

A DIVISION OF CRYSTEK CORPORATION

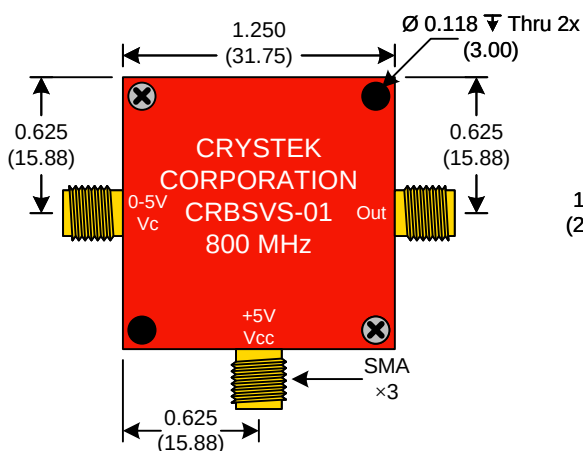
RedBox SOURCE
CRBSVS-01-800.000



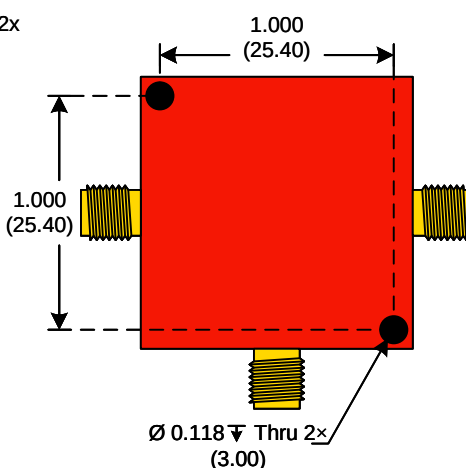
Frequency:	800.000 MHz
Temperature Range:	-20°C to 70°C
Input Voltage:	+5.0V
Input Current:	50 mA Max
Control Voltage Range:	0V to 5.0V
Tuning Sensitivity (Kv):	+120 ppm/V Typical
Settability At Nominal (25°C):	0.7V to 2.0V
Output:	TrueSineWave
Frequency Stability:	±150ppm Typical
Output Power:	+8 dBm Min
Start-up Time:	2 ms Typical, 5 ms Max
Load:	50 Ω
2 nd Harmonic:	-15 dBc Max
Sub-Harmonics:	None
Phase Noise Typical:	1 kHz -115 dBc/Hz 10 kHz -140 dBc/Hz 100 kHz -150 dBc/Hz 1 MHz -165 dBc/Hz 10 MHz -172 dBc/Hz 20 MHz -172 dBc/Hz
Aging:	<5 ppm 1 st year, <1 ppm every year thereafter



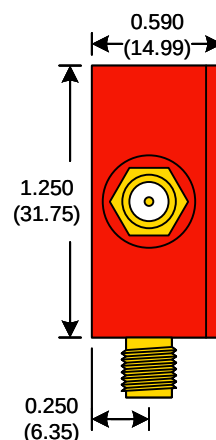
FRONT



BACK



SIDE



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

Product Control:

Crystek Part Number:	CRBSVS-01-800.000	Release Date:	27-Aug-2024
Revision Level:	D	Responsible:	C. Vales



**CRYSTEK
CORPORATION**

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