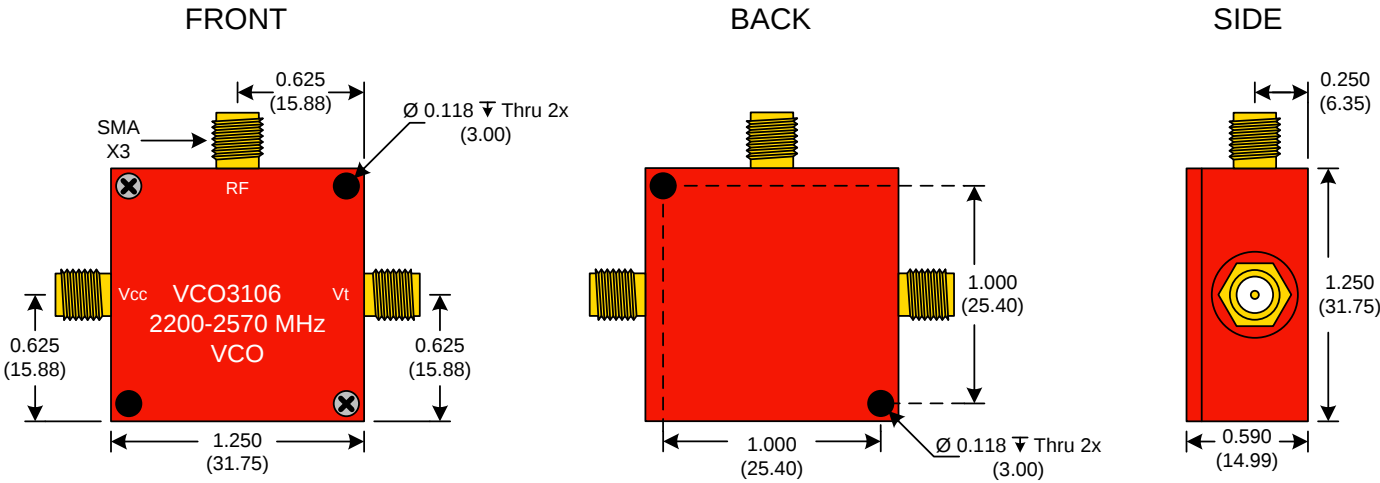


VCO3106

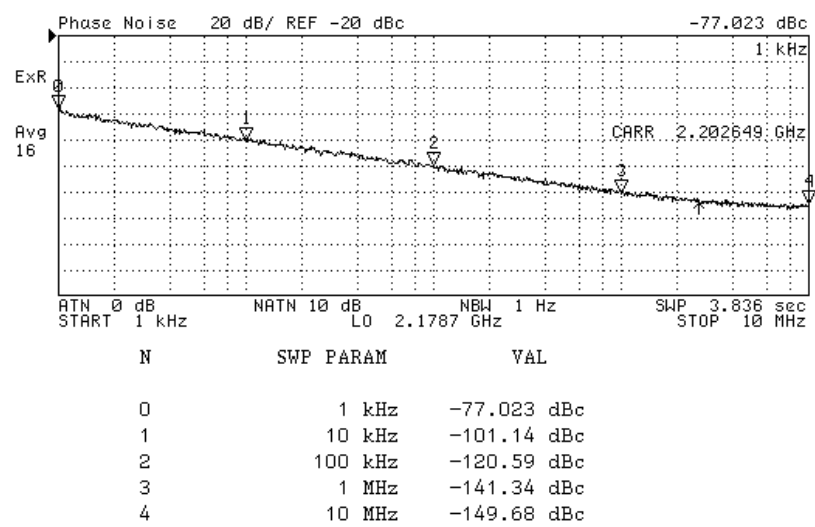
VCO

PERFORMANCE SPECIFICATION	MIN	TYP	MAX	UNITS
Lower Frequency:			2200	MHz
Upper Frequency:	2570			MHz
Tuning Voltage:	1.0		17.0	VDC
Supply Voltage:	4.75	5.0	5.25	VDC
Output Power:	-3.0	0	+3.0	dBm
Supply Current:			35	mA
Harmonic Suppression (2 nd Harmonic)		-15	-10	dBc
Pushing:			3.0	MHz/V
Pulling, all Phases:			15.0	MHz pk-pk
Tuning Sensitivity:		46		MHz/V
Phase Noise @ 10kHz offset:		-101		dBc/Hz
Phase Noise @ 100kHz offset:		-120		dBc/Hz
Load Impedance:		50		Ω
Input Capacitance:			5	pF
Operating Temperature Range:	-40		+85	°C
Storage Temperature Range:	-45		+90	°C



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

Phase Noise (1 Hz BW, Typical)



Tuning Curve (Typical)

