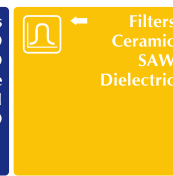
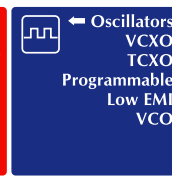
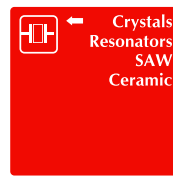




# ABRACON CORPORATION



A Worldwide Leading Supplier of Electronic Components

## CUSTOM VCO ORDER FORM

Email completed form to [abinfo@abracon.com](mailto:abinfo@abracon.com) or Fax to 1-949-546-8001

Name: \_\_\_\_\_ Company: \_\_\_\_\_

Street address: \_\_\_\_\_

City: \_\_\_\_\_ State: \_\_\_\_\_ Country: \_\_\_\_\_ Postal code: \_\_\_\_\_

Email: \_\_\_\_\_ Phone: \_\_\_\_\_ Fax: \_\_\_\_\_

General application for this product: \_\_\_\_\_

Prototype quantity: \_\_\_\_\_ Date needed: \_\_\_\_\_

Projected annual quantity: \_\_\_\_\_ Budgetary target price: \_\_\_\_\_

Required fields are marked with an asterisk ( \* ).

Parameter	Test Condition	Units	Min.	Typ.	Max.
Frequency Range *	all operating conditions	MHz			
Tuning Voltage *	$F_{min} \geq Vt_{min}; F_{max} \leq Vt_{max}$	Vdc			
Output Power *	50 ohm load; all operating conditions	dBm			
Tuning Sensitivity		MHz/V			
Harmonics *	50 ohmload	dBc			
Pulling *	Return Loss = 14 dB	MHz			
Pushing *	$\pm 5\% V_{cc}$	MHz/V			
Input Capacitance		pF			
Phase Noise	<b>1 KHz offset;</b>	dBc/Hz			
Phase Noise *	<b>10 KHz offset</b>	dBc/Hz			
Phase Noise	<b>100 KHz offset</b>	dBc/Hz			
Phase Noise	<b>1 MHz offset</b>	dBc/Hz			
Supply Voltage *	all operating conditions	Vdc			
Supply Current *		mA			
Operating Temperature *	ambient case temperature	°C			
Package Type*					

	Size (in)	Size (mm)
AS	0.91 x 0.91 x 0.22	23.1 x 23.1 x 5.59
SM	0.50 x 0.50 x 0.22	12.7 x 12.7 x 5.59
SML	0.50 x 0.50 x 0.13	12.7 x 12.7 x 3.30
VSM	0.30 x 0.30 x 0.08	7.62 x 7.62 x 2.03