ABRACON CORPORATION

A Worldwide Leading Supplier of Electronic Components

Crystals Resonators SAW Ceramic | Oscillators VCXO TCXO Programmable Low EMI VCO | Filters Ceramic SAW Dielectric | Silicon Oscillators

CUSTOM VCO ORDER FORM

Email completed form to 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 *	±5% Vcc	**MHz/V**			
Input Capacitance		**pF**			
Phase Noise	**1 KHz offset;**	**dBc/Hz**			
Phase Noise *	**10 KHz offset**	**dBc/Hz**			
Phase Noise	**100 KHz offset**	**dBc/Hz**			
Phase Noise	**1 MHz offset**	**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