

# TTL/HCMOS VCXO

# VXA-01A Series

## ◆特長・用途/Feature

- ・Supply Voltage           **+5.0V**
- ・Output Level           **TTL / HCMOS**
- ・Frequency range       **2MHz ~ 90MHz**

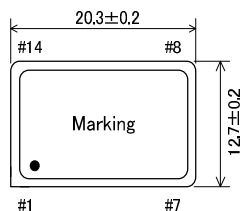


## ◆仕様/Specifications

RoHS Compliant

項目 / item	TTL		HCMOS		単位 / unit	Note
	Min	Max	Min	Max		
出力周波数 Frequency range	2	90	2	60	MHz	--
動作温度範囲 Operating Temp. range	0	+70	0	+70	°C	--
電源電圧 Power Supply voltage	+5.0				V	--
消費電流 Current	--	30	--	30	mA	2 ~ 30MHz
	--	50	--	50	mA	30 ~ 60MHz
	--	65	--	--	mA	60 ~ 90MHz
周波数安定度 Freq. Overall tolerance	±20				10 <sup>-6</sup>	Inclusive of initial tolerance , operating temperature
電源電圧変動安定度 Supply voltage change	-2	+2	-2	+2	10 <sup>-6</sup>	+5V±5%
周波数可変範囲 Freq. control range	±50	--	±50	--	10 <sup>-6</sup>	Control Voltage(Vc) :+0.5V~+4.5V Input impedance : 47kΩ min.
出力レベル Output level	VOH	2.4	--	90%V <sub>DD</sub>	V	--
	VOL	--	0.4	--	10%V <sub>DD</sub>	V
Rise time , Fall time	--	5	--	7	ns	TTL : 0.4V⇔2.4V HCMOS: 10%V <sub>DD</sub> ⇔90%V <sub>DD</sub>
Duty Cycle	40	60	40	60	%	TTL : +1.4V HCMOS: 50%V <sub>DD</sub>

## ◆外形寸法/Dimensions unit : mm



Terminal Connections

Terminal#	Connection
1	Vc or NC
7	GND
8	Output
14	Vcc or VDD

Pin#1 is NC for SPXO/TCXO

