

CMOS VC-TCXO

VXA-X1S9-10MHz

◆特長・用途/Feature

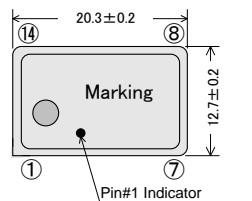
- High stability $\pm 0.2\text{ppm}:-20^{\circ}\text{C}\sim+70^{\circ}\text{C}$
- High reliability
- 10MHz Standard oscillator
- 14-pin DIP Type.
- +5V CMOS output

◆仕様/Specifications

RoHS Compliant

項目 / item	Min	Max	単位 / unit	Note
出力周波数 Frequency range	10		MHz	--
動作温度範囲 Operating Temp. range	-20	+70	°C	--
電源電圧 Power Supply voltage	+4.75	+5.25	V	--
消費電流 Current	--	30	mA	VDD=+5V
周波数温度特性 Freq. tolerance vs. Temp. range	-0.2	+0.2	10^{-6}	Inclusive of initial tolerance , operating temperature.
電源電圧変動安定度 Supply voltage change	-0.1	+0.1	10^{-6}	+5V \pm 5%
周波数可変範囲 Freq. control range	-2	+2	10^{-6}	Control Voltage (VC) : +0.5V \sim +4.5V Input impedance : 56k Ω min.
周波数調整範囲 Freq. Tuning range	-0.7	+0.7	10^{-6}	Internal trimmer
エージング Freq. Aging	-1.0	+1.0	10^{-6}	year
出力レベル Output level	VOH	90%VDD	--	V
	VOL	--	10%VDD	V
Duty Cycle	45	55	%	50%VDD

◆外形寸法/Dimensions unit : mm



Terminal connections

Terminal#	Connection
1	NC or Vc
7	GND(Case)
8	OUTPUT
14	Vcc or VDD

Note
Pin#1= Vc for VCXO
Pin#1= NC for SPXO,TCXO

