



VA01

- ◆ 14Pin DIP full size or half size.
- ◆ Good Reliability, Low cost.
- ◆ Multi purpose used.
- ◆ High quality VCXO for communication equipment.

Table1 Specifications

Parameter		VA01
Frequency Range		1~40MHz
Frequency Stability		±25ppm (code 25)
Operation Temperature Range		0~70°C standard(code "K"), Extended Temp. Rang Available
Frequency Stability	vs Vcc Change ±10%	±3ppm
	vs Load Change ±10%	±3ppm
Supply Voltage		3.3V, 5.0V
Output	Wave Form	TTL/CMOS, Code is "T"
	Load	5TTL or 10LSTTL or 15pF max
	Duty Cycle	40~60%
	Tr/Tf	5ns typical, Frequency independent
VCXO	Pullability	±50ppm~±150ppm
	Control Voltage Range	1.65V±1.5V@3.3Vcc, 2.5V±2V@5.0Vcc
	Slope Polarity	Positive or Negative
	Linearity	10%max
	Input Resistance	50KΩmin
Startup Time		5ms typical, 10ms max
Aging		±5ppm/year max
Package		A14a, A14b
Storage Temperature Range		-55~+85°C

VCXOs

Part Numbering Key

SERIES	PACKAGE CODE	Supply Voltage	FREQ. STABILITY vs.TEMP	Slope Polarity	Pullability	FREQUENCY
VA01	A14a A14b	3.3=3.3V 5=5.0V	K=0~+70°C 25=±25ppm	P=Positive N=Negative	50=±50ppm 80=±80ppm 100=±100ppm 120=±120ppm 150=±150ppm	
VA01	A14a	5	K25	P	100	20.000MHz

Sample Part Numbers

VA01A14a-5K25-P100 @20.000Mhz

