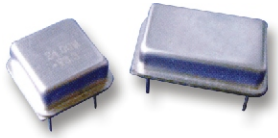


VA01



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

Table 1 Specifications

Parameter		VA01
Frequency Range		1~40MHz
Frequency Stability		±25ppm(code25)
Operation Temperature Range		0~70°C standard(code"K"), Extend Temp. Rang Available
Frequency	vs Vcc Change ±10%	±3ppm
Stability	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	50KΩ min
Startup Time		5ms typical, 10ms max
Aging		±5ppm/year max
Package		A14a, A14b, A14
Storage Temperature Range		-55~+85°C

VCXOs

Part Numbering Key

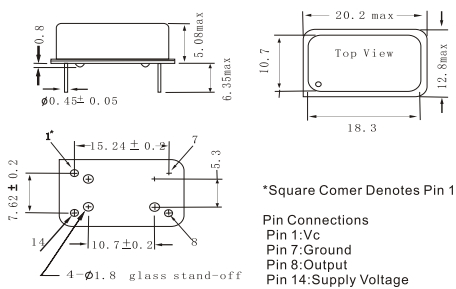
SERIES	Supply Voltage	FREQ. STABILITY vs. TEMP	Slope polarity	Pullability	PACKAGE CODE	FREQUENCY
VA01	3.3=3.3V 5=5.0V	K=0~+70°C 25=±25ppm	P=Positive N=Negative	50=±50ppm	A14a	
				80=±80ppm	A14b	
	100=±100ppm	A14				
	120=±120ppm					
	150=±150ppm					
VA01	5	K25	P	100	A14a	20.000MHz

Sample Part Numbers

VA01-5K25-P100-A14a

@20.000MHz

Package A14a



Package A14b

