



VCXO(SMD series)

Voltage Controlled Crystal Oscillator

Application

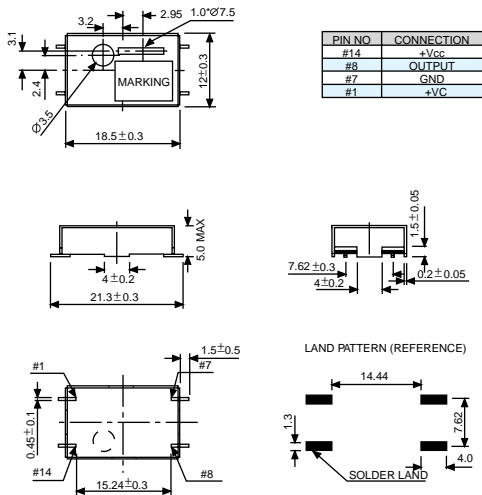
PLL circuit, AFC circuit, FM modulator.....

Specification

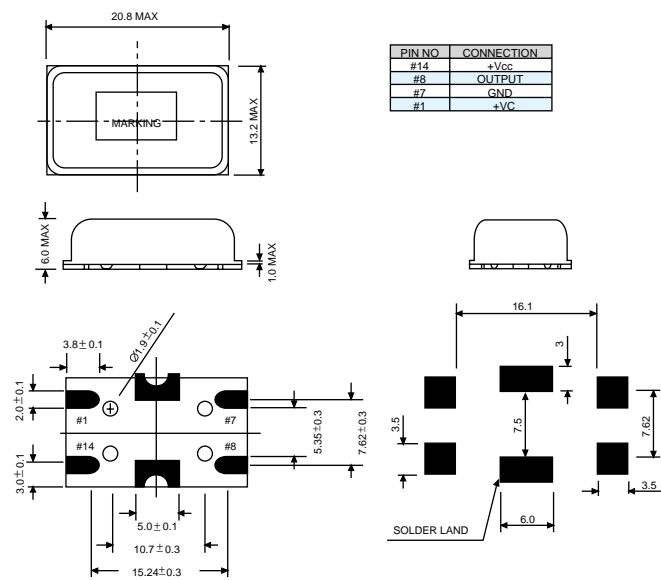
Item	Model	Unit	VCXO-002	VCXO-003	VCXO-004	VCXO-013	VCXO-069	VCXO-080
Frequency range		MHz	2 ~ 120					
Standard frequency		MHz	14.318180	28.63636	16.384	13.500	25.180	27.000
Frequency stability	VS Temperature	PPM	± 30 max	± 50 max	± 25 max	± 50 max	± 50 max	± 50 max
	VS Supply voltage	PPM	± 5.0 max	± 10 max	± 5.0 max	± 10 max	± 10 max	± 10 max
	VS Aging year	PPM	± 5.0 max	± 5.0 max	± 5.0 max	± 5.0 max	± 5.0 max	± 5.0 max
Temperature range	Operating	°C	-10 ~ 60	-0 ~ 70	-0 ~ 70	-0 ~ 70	-10 ~ 60	-40 ~ 85
	Storage	°C	-40 ~ 85					
Power supply voltage		VDC	3 ~ 5					
Freq. variable range / control voltage		PPM/VDC	±50min/2.5±2	±100min/2.5±2	±100min/2.5±2	±200min/2.5±2	±500min/2.5±2.5	±300min/2.5±2
Current consumption		mA	20 max	30 max	20 max	30 max	30 max	30 max
Output	Load		2TTL					
	Voltage	V	vol: 0.4 max voh: 2.4 min			Vol: 0.5 max Voh: 4.5 min		
	Symmetry	%	40% ~ 60% at 1.4 VDC					
	Waveform		square/TTL			square/CMOS		
Dimension			VCXO-005 or 006 or -003C or -009					

Dimension & Land pattern (unit: mm):

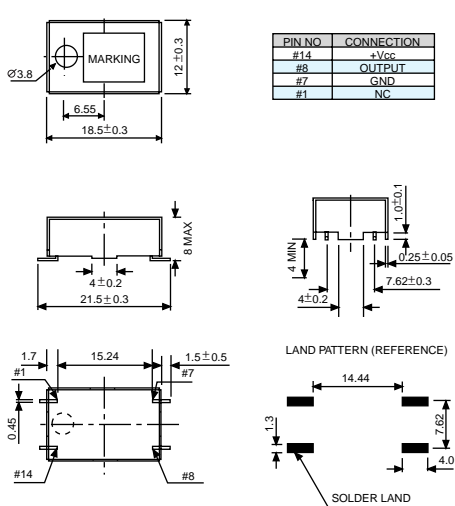
VCXO-005



VCXO-006



VCXO-003C



VCXO-009

