

Crystal Oscillator - CXO - Full size / Dip 14

Pin Type - 21.0 x 13.2 x 5.08mm

• Features

High performance

Low cost

RoHS compliant

• General Specification

Type			Full Size - Dip 14	
Frequency Range			1.00MHz to 150.00MHz	
Frequency Stability (Overall)			± 10ppm to ± 100ppm	
Input	Current Consumption		25mA (1.000 - 35.999MHz) 60mA (36.00 - 69.999MHz) 80mA (70.00 - 150.00MHz)	20mA (1.000 - 35.999MHz) 40mA (36.00 - 69.999MHz) 60mA (70.00 - 150.00MHz)
	Supply Voltage		5.0V± 10%	3.3V ± 10%
Temperature Range	Operating		-10 to +60°C or custom-designed	
	Storage		-40 to +85°C or custom-designed	
Output	Waveform		TTL	HCMOS
	Load		10TTL	15pF
	Symmetry		40/60% or 45/55%	
	Rise Time	TR	10nS max.	
	Fall Time	TF	10nS max.	
	Voltage	VoH	TTL: 2.4V min	HCMOS: 0.9V min
VoL		TTL: 0.4V max	HCMOS: 0.1V max	
Tri-State Function (Pin 1)			Enable: Tri-state Disable: NC	
Start-Up Time			10mS max	
Aging First Year			± 5ppm max	

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● Frequency Stability Codes (ppm)

1 = ± 20	2 = ± 25	3 = ± 30	4 = ± 50	5 = ± 100	7 = ± 35
8 = ± 15	a = ± 10	b = ± 70			

* Frequency stability includes stability at 25°C, operating temperature range, supply voltage and aging 1st year.

● Operating Temperature Range Codes(°C)

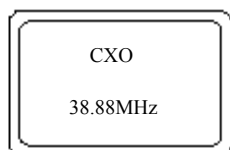
1 = 0 to +70	2 = -10 to +70	3 = -20 to +70	4 = -40 to +85	5 = -10 to +60	6 = -20 to +60
7 = 0 to +100	8 = 0 to +60	9 = -30 to +65	A = -55 to +125	B = -30 to +80	C = -10 to +50

● Marking

Holder

Frequency + M (MHz) + Date code (Year Code + Month Code)

For Example:



● Ordering Information

Holder	Type	SMD Size	Stability (ppm)	Temperature (°C)	Input voltage (V)	Tri-state	Symmetry	Pullability (ppm)	Frequency	Lead-free	Packing
C= CXO	14=Full size	Blank= N/A	See tables		1=3.3 2=5.0	N = No T = Yes	45 = 45/55% 46 = 40/60%		xx.xxM	LF=leadfree	Blank: Bulk or Tube
			± 50	-10 to +70				N = N/A			
C	14		4	2	1	N	45	N		LF	

For Example: C14421N45N-10.000MLF

NEWXTAL - New Crystal

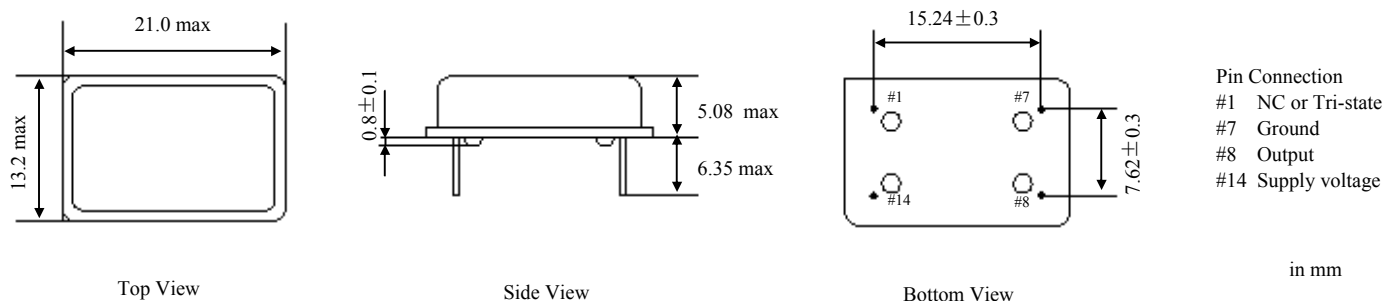
Website: www.newxtal.com

Email: sales@newxtal.com

Для заказа отправьте заявку на почту: mail@kvarci.ru

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• Dimensions



• Packing

Bulk or 25pcs packed in anti-static plastic tube.

• Wave Soldering Profile

Bath temperature (°C)

