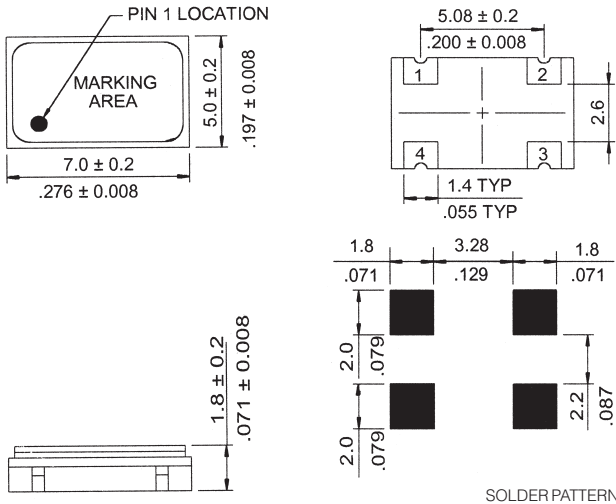


RALTRON CLOCK OSCILLATORS—HCMOS COMPATIBLE

Cat. No.	Frequency* (MHz)	Net Price
HOLDER TYPE CO6-HCMOS (14 PIN DIP)		
CO6100-4.000-MHZ	4.000000	\$1.16
CO6100-6.000-MHZ	6.000000	1.16
CO6100-8.000-MHZ	8.000000	1.16
CO6100-12.000-MHZ	12.000000	1.16
CO6100-16.000-MHZ	16.000000	1.16
HOLDER TYPE CO12-HCMOS (8 PIN DIP)		
CO12100-4.000-MHZ	4.000000	1.16
CO12100-6.000-MHZ	6.000000	2.27
CO12100-8.000-MHZ	8.000000	1.16
CO12100-12.000-MHZ	12.000000	1.16
CO12100-16.000-MHZ	16.000000	1.16

*Other frequencies are available to special order. Minimum quantities may apply.
NOTE: "N" indicates normal symmetry (40%-60%). Replace with "T" for tight symmetry (45%-55%).

SURFACE MOUNT CLOCK OSCILLATORS



SOLDER PATTERN

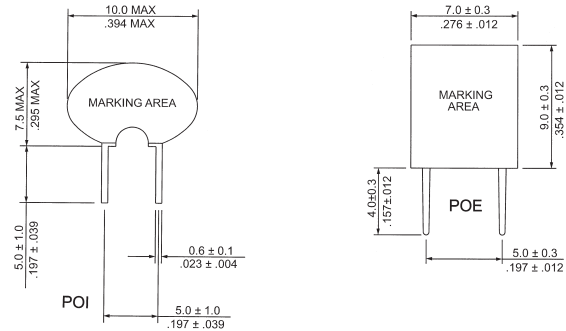
Series	CO43	CO46
Frequency Range	1.8432 MHz–50.0 MHz	50.00 MHz–125.00 MHz
Frequency Stability	CO4310: ±10 PPM CO4305: ±50 PPM	CO4610: ±100 PPM CO4605: ±50 PPM
Temperature Range		
Operating	–10°C to +70°C	–10°C to +70°C
Extended	–40°C to +85°C	–40°C to +85°C
Storage	–55°C to +125°C	–55°C to +125°C
Input		
Voltage	+3.3 VDC ±0.3 VDC	+3.3 VDC ±0.3 VDC
Current	25 mA MAX	25 mA MAX
Output		
Symmetry	40 to 60%: Normal 45 to 55%: Tight	40 to 60%: Normal 45 to 55%: Tight
Voltage		
Logic "0" Level	0.4 VDC MAX	0.5 VDC MAX
Logic "1" Level	0.9 X VCC MIN	2.8 VDC MIN
Load	5 TTL MAX or 20 pF MOS	5 TTL MAX or 15 pF MOS
Rise Time	6 ns	7 ns
Fall Time	6 ns	7 ns
Enable/Disable Function	PIN 1: High (+2.2 VDC Min) PIN 1: Low (+0.8 VDC Max)	PIN 3: Enabled PIN 3: Disabled (High Z)
Start-Up Time	10 ms MAX	15 ms MAX
Shock	1000 g, 0.35 ms, 1/2 SINEWAVE, 3 Shocks in 3 Axes	
Vibration	10 to 55 Hz Amplitude 1.5 mm, Cycle 1 Minute in 3 Axes for 1 Hour	

C066 SERIES SURFACE MOUNT CLOCK OSCILLATOR.

Cat. No.	Frequency (MHz)	Net Price
C066510-1.8432MHZ	1.84300	\$3.49
C066510-2.000MHZ	2.000000	3.49
C066510-3.6864MHZ	3.68600	3.49
C066510-4.000MHZ	4.000	3.49
C066510-7.3728MHZ	7.372800	3.49
C066510-8.000MHZ	8.000000	3.49
C066510-11.0592MHZ	11.059200	3.49
C066510-14.7456MHZ	14.745600	3.49
C066510-16.000MHZ	16.000000	3.49
C066510-18.432MHZ	18.43200	3.49
C066510-24.000MHZ	24.000000	3.49
C066510-32.000MHZ	32.000000	3.49
C066510-33.333MHZ	33.33300	3.49
C066510-33.8688MHZ	33.86880	3.49
C066510-40.000MHZ	40.000000	3.49
C066510-44.2368MHZ	44.236800	3.49
C066510-50.000MHZ	50.000000	3.49

Packaging: 330mm reel diam., 24 mm tape width, 12 mm pitch. Quantity: 1000 pieces per reel.

CERAMIC RESONATORS



FEATURES: Wide frequency range. Low cost. Excellent temperature stability.

Cat. No.	Frequency	Net Price
POI-1.000MHZ	1.000000 MHz	\$.20
POI-2.000MHZ	2.000000 MHz	.20
POI-4.000MHZ	4.000000 MHz	.20
POI-6.000MHZ	6.000000 MHz	.20
POC-4.000MHZ	4.000000 MHz	.20
POC-8.000MHZ	8.000000 MHz	.20
POE-B-455KHZ	455kHz	.20

RALTRON. GLOBAL EXPERTS IN FREQUENCY MANAGEMENT

Raltron offers the most comprehensive line of frequency management solutions in the market, including through hole and surface mount crystals, oscillators, filters, ceramic resonators, VCXO's, TCXO's, OCXO's and complete timing solutions for every application.

All Raltron facilities worldwide are certified ISO9001 which assures that our products are manufactured to global quality standards and allows us to provide the best quality solutions at the most competitive prices.

FEATURES:

- Voltage Control Crystal Oscillators in thru-hole and SMD packages (1MHz–2.4GHz)
- Ultra Miniature TCXO's–RTxx-174 and RTxx-204 packages
- Custom design TCXO's and OCXO's power your specifications
- Application Specific Crystals for Blue Tooth and WLAN (low SMD profile with tight stabilities)
- Total Frequency Solutions—Synchronization Modules
- Economical Ceramic Resonators—KHz and MHz Values