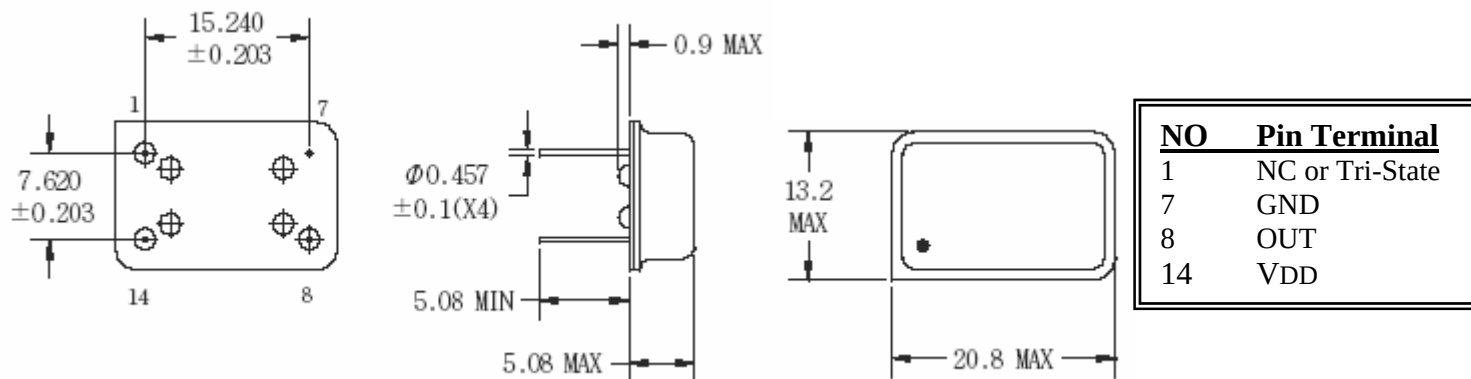


CRYSTAL CLOCK OSCILLATOR

RXO-12.0-24.0MHz, 3.3-5.0V 14Pin HCMOS-k

RXO-24.00M-14P-HCMOS-5.0V-100ppm

code-k



Specifications	
Output Logic	HCMOS / TTL Output
Input Voltage VDD	5.0VDC $\pm$ 10%
Frequency Range	12.00-24.00MHz
Overall Frequency Stability (a+b+c+d)	$\pm$ 100PPM
(a) Frequency Tolerance	$\pm$ 15PPM
(b) Temperature Stability	$\pm$ 100PPM(-40 to 80°C)
(c) Input Voltage Stability	Inclusive of Overall Stability (V CC $\pm$ 10%)
(d) Load Stability	Inclusive of Overall Stability (RL $\pm$ 5%)
Aging (AT 25°C)	$\pm$ 5PPM / Year (Maximum)
Operating Temperature Range	-40 to 85°C
Storage Temperature Range	-55 to 125°C
Output Voltage High "1", V OH	90% VDC Minimum
Output Voltage Low "0", V OL	10% VDC Maximum
Input Current	45mA Maximum
Rise Time(Tr) & Fall Time(Tf)	5 ns Maximum (10% to 90%)
Duty Cycle	50% $\pm$ 10% (Standard), 50% $\pm$ 5%(Option)
Start-Up Time	10ms Maximum
PIN 1 TRI-STATE	Option

Frequency Tolerance & Stability $\pm$ 100PPM, $\pm$ 50PPM, $\pm$ 25PPM, $\pm$ 20PPM Duty Cycle 50 $\pm$ 10%, 50 $\pm$ 5% VDD: 3.3V, 5.0V	Pin1 Conn ection Standard, Tri-State Enable High Operating Temperature 0 to +70°C (Standard), -40 to +85°C (Special) Pin1 Connection Standard, Tri-State Enable High
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