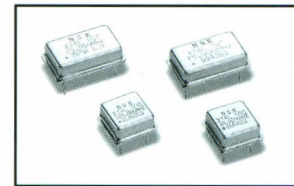


CRYSTAL OSCILLATORS

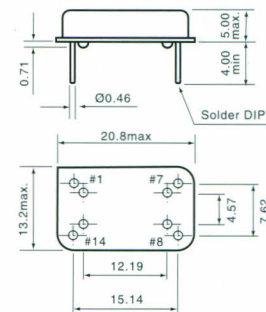
Specifications

Model	NOF	NOH
Frequency Range	1.000~125.000MHz	
Frequency Stability	A : +/- 100PPM B : +/- 50PPM C : +/- 30PPM D : +/- 25PPM	
(INCLUSIVE OF CALIBRATION TOLERANCE AT 25°C, OPERATION TEMPERATURE RANGE, INPUT VOLTAGE CHANGE, LOAD CHANGE, AGING SHOCK AND VIBRATION)		
Environmental Condition		
Operating Temp Range	0°C ~ +70°C	
Storage Temp Range	-55°C ~ +125°C	
Power Supply Voltage	3.3V ± 10% or 5.0V ± 10%	
Input Current	1-20MHz 20mA MAX 21-35MHz 30mA MAX 36-50MHz 40mA MAX 51-125MHz 55mA MAX	
CMOS Output		
Output Symmetry	40%-60% or 45%-55% (at 50% VDC)	
Rise and Fall Time	1-50MHz 10ns MAX 51-100MHz 5ns MAX	
Output Load	15PF	



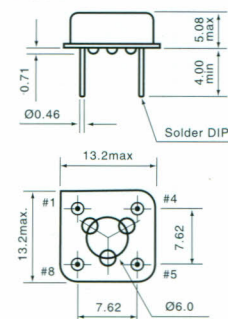
Dimensions (mm)

NOF



PIN	Connection
1	N.C or Tri-state
7	CASE GND.
8	Output
14	3.3 or 5.0 VDC

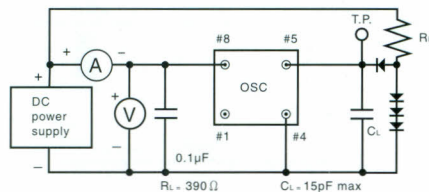
NOH



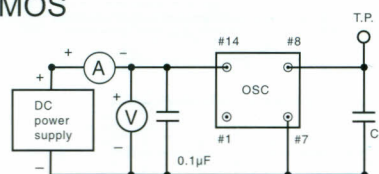
PIN	Connection
1	N.C or Tri-state
4	CASE GND.
5	Output
8	3.3 or 5.0 VDC

Test circuit

TTL

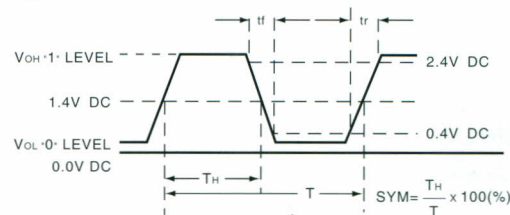


CMOS



Output waveform

TTL



CMOS

