

K.C.C Oscillator Unit(HCO Series)



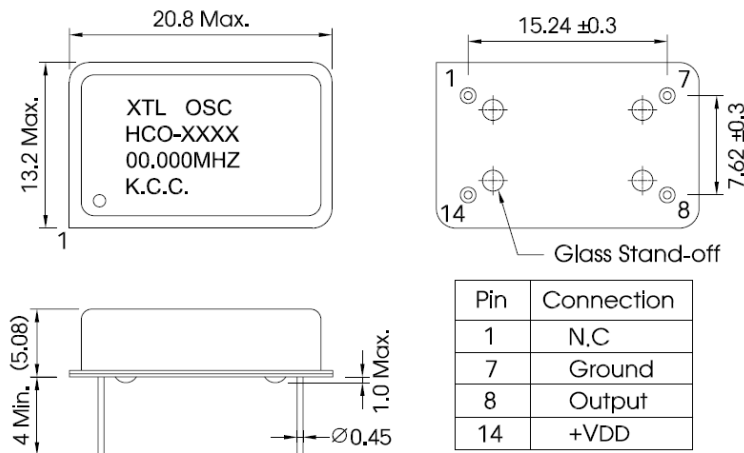
Features & Applications

- Full Size
- HCMOS output
- 3.3V or 5.0Vdc supply voltage
- 14 pin DIP-IC foot-print
- Low cost
- RoHS Compliant / Pb Free.

General Specifications

Parameter	HCO Series	
Frequency Range	1.0 ~80.0 MHz 80.0 ~120.0 MHz	
Frequency Tolerance	± 25 / 50 / 100ppm	
Operating Temperature Range	0 to +70°C or specify	
Storage Temperature Range	-40 to +125°C	
Supply Voltage	+5.0V±0.5Vdc	+3.3V±0.1Vdc
Supply Current	1-20MHz 21-35MHz 36-50MHz 51-100MHz	20mA Max. 30mA Max. 40mA Max. 55mA Max.
Symmetry (Duty Cycle)	40% to 60% at 50%VDD	
Rise and Fall Time	Tr : 1-50MHz 10nS Max. Tf : 51-100MHz 6nS Max.	
Output Logic High " 1 "	4.5V Min. (90% VDD)	2.97V Min. (90% VDD)
Output Logic Low " 0 "	0.5V Max. (10% VDD)	0.33V Max. (10% VDD)
Output Load	15pF typical	

Outline and Dimensions [Unit: mm]



Order Part No.:

Product name: **O 25.000 F 5 B - G**

① ② ③ ④ ⑤ ⑥

- ① KCC Oscillator
- ② Frequency
- ③ Full Size
- ④ Supply Voltage : 5=5V / 3=3.3V
- ⑤ Frequency Tolerance : A=±25 / B=±50 / C=±100
- ⑥ RoHS Compliant