

## FULL / HALF Sizes

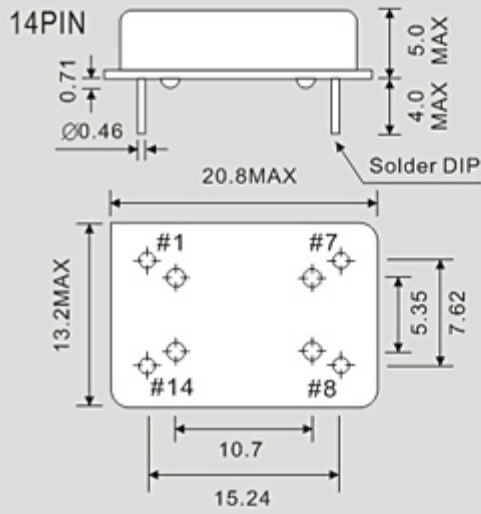
- Full / Half size
- Metal welded package
- Fundamental solution.
- Tri-State function available.
- Supply Voltage Range : 3.3 V ~5 V. TTL.
- CMOS output, output frequencies 1 MHz to 125MHz.



### ■ Electrical Specifications

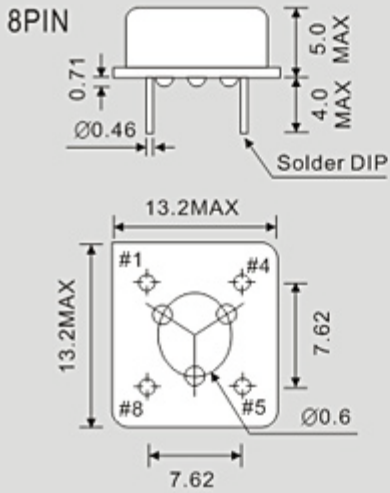
Model	FULL / HALF Sizes		
Output Type	CMOS		TTL
Output Load	15pF/50pF		50pF
Oscillation Mode	Fundamental / 3rd Overtone		
supply Voltage	3.3V,5V	5V	5V
Frequency Range	1 ~ 125MHz		
Frequency Stability	± 25 ppm , ± 50 ppm		
Operating Temperature Range	-20 ~ + 70 °C , -40 ~ + 85 °C		
Storage Temperature Range	- 55 ~ + 125 °C		
Voltage Vol ( Max. ) / Voh ( Min. )	0.1 VDD / 0.9 VDD		
Rise ( Tr ) / Fall ( Tf ) Time	10 ns ( 1 ~ 50 MHz ) , 5 ns ( 50 ~ 125 MHz ) Max		
Supply Current	MA		
1.000~ 20.000MHz	10 mA Max.	20 mA Max.	20 mA
20.001~35.000MHz	20 mA Max.	30 mA Max.	30 mA
35.001~50.000MHz	30 mA Max.	40 mA Max.	40 mA
50.001~100.00MHz	40 mA Max.	55 mA Max.	50 mA
100.001~125.00MHz	50 mA Max.	70 mA Max.	
Symmetry	40 ~ 60 %		
Start-up Time	10 ms Max.		
Phase Jitter ( 12 KHz ~ 20 MHz )	3 ps Max.		
Aging ( at 25°C )	± 3 ppm / year Max		

### ■ 14PIN Dimensions



PIN CONNECTION	
PIN	FUNCTION
1	N.C or Tti-state
7	CASE GND
8	OUTPUT
14	VDD

■ 8PIN Dimensions



PIN CONNECTION	
PIN	FUNCTION
1	N.C or Tti-state
4	CASE GND
5	OUTPUT
8	VDD