

## Features

- Standard DIL14 package
- Good price/performance ratio
- Tolerance and stability to  $\pm 25$ ppm
- Tristate available

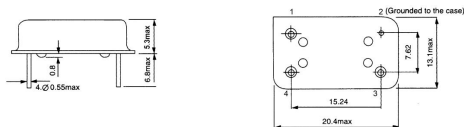


## AQO14

### Specification

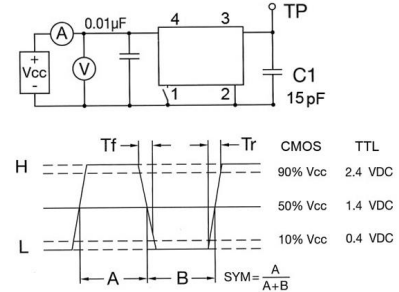
Type	AQO 14 CMOS/TTL	Supply Current (5V)
Frequency Range	0,25MHz ~ 180,0MHz	1,0MHz ~ 25,0MHz = 15mA
Frequency Tolerance at 25°C±5°C	standard ±50ppm; available ±20 ~ ±100ppm	25,0MHz ~ 50,0MHz = 30mA
Power Supply (Vdd)	+5,0V D.C. ±10% / +3,3V D.C. ±10%	50,0MHz ~ 80,0MHz = 40mA
Operating Temperature Range	0°C ~ +70°C/-40°C ~ +85°C	80,0MHz ~ 180,0MHz = 50mA
Output Signal/Load	CMOS/15pF (30pF/50pF optional) / 10LS TTL max.	
Output Symmetry	40/60% (45/55% optional)	
Output Voltage	90% of Vddmin. / 10% of Vdd max.	
Rise/Fall Time	10ns max. (10% to 90% Vdd)	
Start Up Time	10ms max. <5ms typical	
Aging	±5ppm/year max.	
Storage Temperature	-55°C - +125°C	
RoHS	compliant	
Contents Of Tray	50 pcs	

### Drawing (mm)

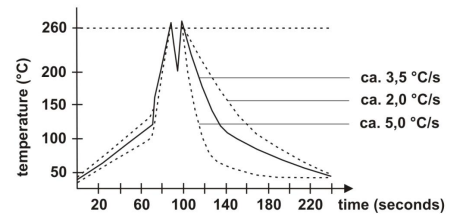


PIN	Connection	
1	Low	High or Open
2	GND	
3	Z	Output
4	VDD	

### Test Circuit/Waveform



### Soldering profile



### Order code

Part	Frequency	Type/Package	Tolerance	Voltage	Temperature	Load	Option	Packaging
O	- 10.000000M	- AQO 14	- 50	- 5.0	- A	-	/	/
O=Oscillator	M=MHz	AQO=Quartz oscillator 14=DIL 14	±ppm	5.0=5.0Volt 3.3=3.3Volt	A= 0°C ~ +70°C B= -10°C ~ +60°C C= -10°C ~ +70°C D= -20°C ~ +70°C E= -40°C ~ +85°C	blank = 15pF 3 = 30pF 5 = 50pF	blank = no function T = Tristate	blank = Tray