



**AOCQO 14**

Features:

- Wide frequency range
- Frequency stability
- High qualified package small dimension

Specifications	Specifications	Remarks
	<b>AOCQO 14</b>	
Frequency range	10.00 ~ 40.00 MHz	Please specify
Frequency accuracy	± 5ppm (center control voltage)	Please specify
Frequency stability versus temperature	± 100ppb ~ ± 280ppb	Please specify
Temperature range	0°C ~ + 50°C / -20°C ~ + 70°C	Please specify
Aging	First year ± 0.8 ppm, 15 year ± 4.6 ppm	
Output type and load characteristics	HCMOS	Please specify
Frequency stability versus load	± 20ppb	
Supply voltage	+3.3V or +5.0V	
Frequency stability versus voltage	± 50ppb	
Supply consumption	800mA(max) warm-up; 300mA(max) static	
Warm-up time	5 Min	
Control voltage range	2.5V ±2.0V	
Slope	Positive	
Linearity	± 20%	Please specify
Phase noise	10 Hz ~ 100 dBc/Hz / 100 Hz ~ 130 dBc/Hz 1kHz ~ 140 dBc/Hz / 10kHz ~ 145 dBc/Hz	
Storage temperature range	- 40°C ~ + 85°C	

**Drawing**

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**PIN FUNCTION:**  
 PIN1 - Control Voltage  
 PIN7 - GND/Case  
 PIN8 - Output  
 PIN14 - Power Supply

Dimensions in mm

Order key						
Part	Frequency	Type/Package	Tolerance	Voltage	Temperature	Opion
<b>O</b>	<b>- 10.000000M</b>	<b>- AOCQO 14</b>	<b>- 5</b>	<b>- 5.0</b>	<b>- D</b>	<b>- T</b>
O=Oscillator	M=MHz	AOCQO=Oven controlled QO 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	T=Tristate X=Special options

Remarks: All specifications subject to change without notice!