

Oscillator THT, voltage-controlled

AVCQO 14

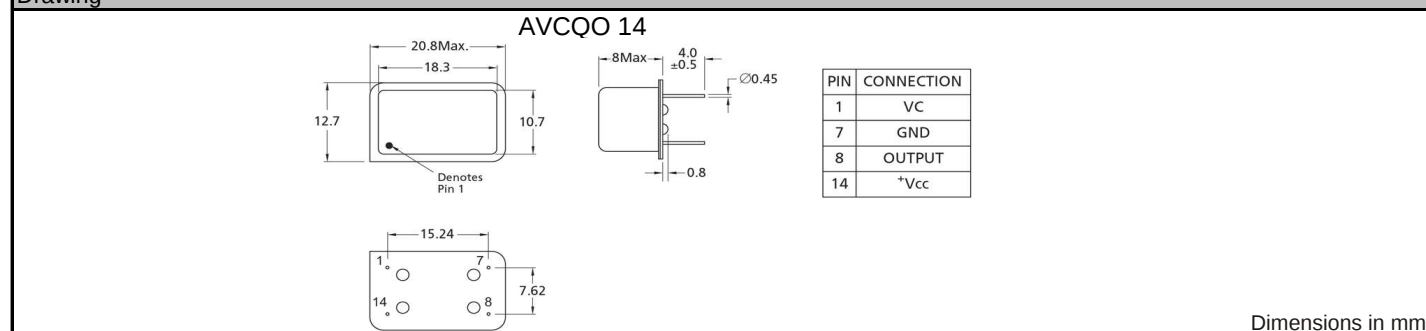
Features:

- Wide frequency range
- Frequency stability
- High qualified package small dimension
- Clipping sine wave



Specifications	Specifications	Remarks
Series	AVCQO 14	
Norminal frequency range	1.00 ~ 160.00 MHz	Please specify
Frequency stability	$\pm 25\text{ppm} \sim \pm 100\text{ppm}$	Please specify
Absolute pull range	$\pm 50\text{ppm min} \sim \pm 100\text{ppm min}$	Please specify
Operating temp. range	$0^{\circ}\text{C} \sim +70^{\circ}\text{C} / -20^{\circ}\text{C} \sim +70^{\circ}\text{C}$	Please specify
Control voltage range	$2.5\text{V} \pm 2.0\text{V}$ or $1.65\text{V} \pm 1.65\text{V}$	
Center frequency	$2.5\text{V} \pm 0.05\text{V}$ or $1.65\text{V} \pm 0.05\text{V}$	
Linearity	$\pm 20\%$, $\pm 15\%$, $\pm 10\%$, $\pm 5\%$	
Input impedance	10k Ohm	Min
Modulation bandwidth	< 15 kHz	
Supply voltage	+ 5.0 VDC or + 3.3 VDC, $\pm 5\%$	Please specify
Supply current	50mA	Max
Package	DIL 14	
Storage temperature range	$-40^{\circ}\text{C} \sim +85^{\circ}\text{C}$	

Drawing



Order key

O	- 60.000000M	- AVCQO 14	- 50	- 5.0	- D	- T
Part	Frequency	Type/Package	Tolerance	Voltage	Temperature	Opion
O=Oscillator	M=MHz	AVCQO=Voltage controlled QO 14=DIL 14	+/-ppm	5,0=5,0Volt 3,3=3,3Volt	A= $0^{\circ}\text{C} - 70^{\circ}\text{C}$ B= $-10^{\circ}\text{C} - 60^{\circ}\text{C}$ C= $-10^{\circ}\text{C} - 70^{\circ}\text{C}$ D= $-20^{\circ}\text{C} - 70^{\circ}\text{C}$	T=Tristate 3=Load 30pF 5=Load 50pF X=Special options