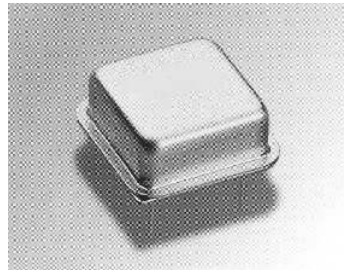


Oscillator THT, voltage-controlled

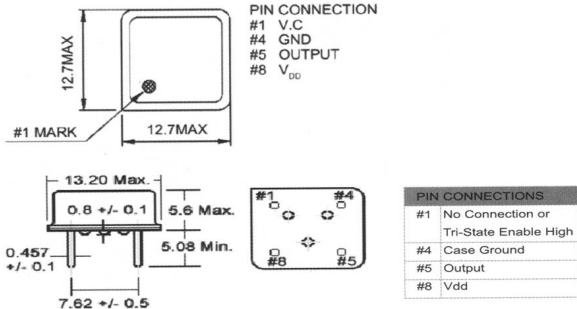
AVCQO 08



Features:

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

Specifications	Specifications	Remarks
Series	AVCQO 08	
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	2.5V $\pm 2.0\text{V}$ or 1.65V $\pm 1.65\text{V}$	
Center frequency	2.5V $\pm 0.05\text{V}$ or 1.65V $\pm 0.05\text{V}$	
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 8	
Storage temperature range	$-40^{\circ}\text{C} \sim +85^{\circ}\text{C}$	

Drawing									
<p>AVCQO 08</p>  <p style="text-align: right;">PIN CONNECTION</p> <p>#1 V.C #4 GND #5 OUTPUT #8 V_{DD}</p> <p style="text-align: right;">PIN CONNECTIONS</p> <table border="1"> <tr> <td>#1</td> <td>No Connection or Tri-State Enable High</td> </tr> <tr> <td>#4</td> <td>Case Ground</td> </tr> <tr> <td>#5</td> <td>Output</td> </tr> <tr> <td>#8</td> <td>V_{DD}</td> </tr> </table> <p style="text-align: right;">Dimensions in mm</p>		#1	No Connection or Tri-State Enable High	#4	Case Ground	#5	Output	#8	V _{DD}
#1	No Connection or Tri-State Enable High								
#4	Case Ground								
#5	Output								
#8	V _{DD}								

Order key						
O	- 40.000000M	- AVCQO 08	- 50	- 5.0	- D	- T
Part	Frequency	Type/Package	Tolerance	Voltage	Temperature	Opion
O=Oscillator	M=MHz	AVCQO=Voltage controlled QO 08=DIL 8	+/-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	X=Special options

Remarks: All specifications subject to change without notice!