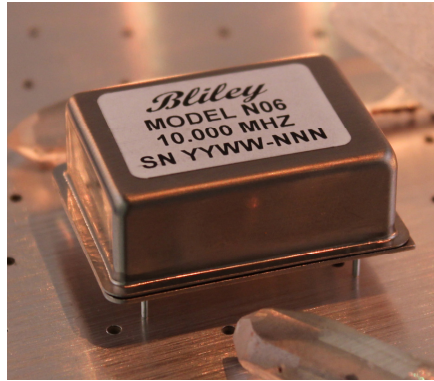


## Description:

Bliley N06 OCXO is a Double Oven design with Temperature Stability as low as .2ppb. This coupled with an extremely attractive sell price makes it an outstanding combination

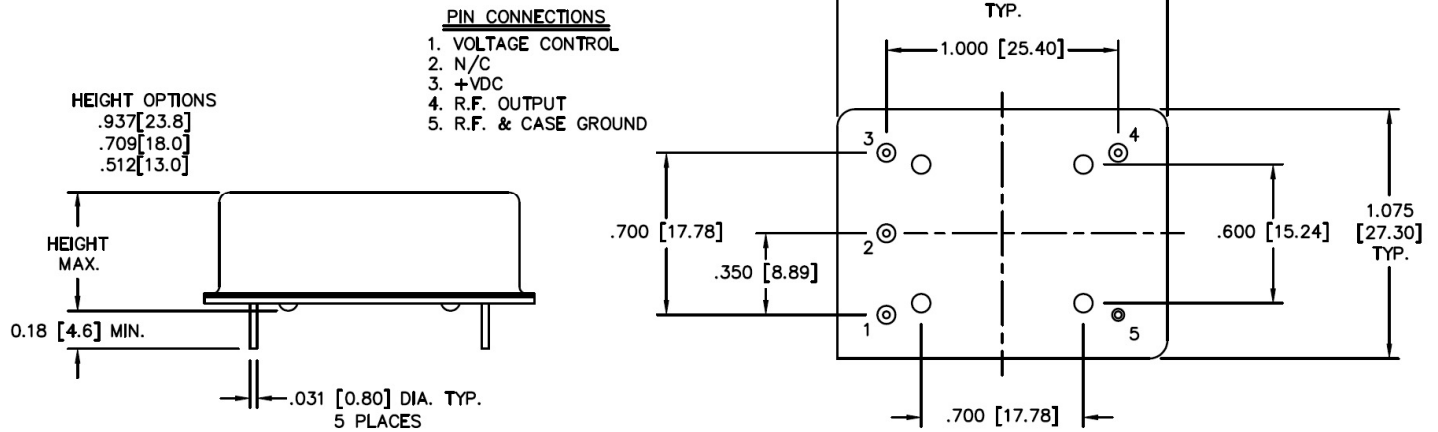
This design of OCXO are well suited for network timing and general precision applications



## Features:

- Available with +5VDC input supply voltage.
- Sinewave output available.
- Frequency vs. Temp Stability as low as  $\pm$ .2ppb

Titles	Min.	Typ.	Max.	Unit of Measure	Notes/Comments
Frequency		10		MHz.	
Output Type		Sinewave			
Output Level	3	5	7	dBm	
Output Load		15//50		pF//Ohm	
Supply	4.75	5	5.5	Vdc	5%
Start up Power			9.0	Watts	
Steady State Power		3.0		Watts	
<b>Temperature Range vs. stability</b>					
-40 to +70°C			+/-0.4	ppb	
-20 to + 70°C			+/-0.3	ppb	
0 to +70°C			+/-0.2	ppb	
<b>EFC</b>					
Optional with or without		Yes			
Tuning Range	+/-0.3		+/-0.7	ppm	
EFC Voltage Range	0	2.5	5	Vdc	
Slope		Positive			
EFC Impedance	100			K ohms	
EFC Linearity			10	%	
<b>Aging</b>					
1 Year			+/-0.1	ppm	
<b>Phase Noise</b>					
1Hz		-90		dBc/Hz	
10Hz		-120		dBc/Hz	
100Hz		-135		dBc/Hz	
1KHz		-145		dBc/Hz	
10KHz		-150		dBc/Hz	
<b>Height</b>					
		.709[18.00]		Inches[mm]	
		.512[13.00]		Inches[mm]	



### Ordering

The 'xxx' is Bliley assigned and unique to each of our customers  
Oscillators at .937[23.8] max height are no longer offered, but still available on request..

Frequency	Operating Temp	Freq vs. Temp Stability	EFC	Oscillator height inchs [mm]	Part Number
10MHz	-20 to +70°C	+/- .3 ppb	0.3 to 0.7ppm	.937[23.8]	<b>N06-001-xxx</b>
10MHz	-20 to +70°C	+/- .3 ppb	No EFC	.937[23.8]	<b>N06-002-xxx</b>
10MHz	-20 to +70°C	+/- .3 ppb	0.3 to 0.7ppm	.709[18.0]	<b>N06-003-xxx</b>
10MHz	-20 to +70°C	+/- .3 ppb	No EFC	.709[18.0]	<b>N06-004-xxx</b>
10MHz	-20 to +70°C	+/- .3 ppb	0.3 to 0.7ppm	.512[13.0]	<b>N06-005-xxx</b>
10MHz	-20 to +70°C	+/- .3 ppb	No EFC	.512[13.0]	<b>N06-006-xxx</b>
10MHz	-40 to +70°C	+/- .4 ppb	0.3 to 0.7ppm	.709[18.0]	<b>N06-007-xxx</b>
10MHz	-40 to +70°C	+/- .4 ppb	No EFC	.709[18.0]	<b>N06-008-xxx</b>
10MHz	-40 to +70°C	+/- .4 ppb	0.3 to 0.7ppm	.512[13.0]	<b>N06-009-xxx</b>
10MHz	-40 to +70°C	+/- .4 ppb	No EFC	.512[13.0]	<b>N06-010-xxx</b>
10MHz	-0 to +70°C	+/- .2 ppb	0.3 to 0.7ppm	.709[18.0]	<b>N06-011-xxx</b>
10MHz	-0 to +70°C	+/- .2 ppb	No EFC	.709[18.0]	<b>N06-012-xxx</b>
10MHz	-0 to +70°C	+/- .2 ppb	0.3 to 0.7ppm	.512[13.0]	<b>N06-013-xxx</b>
10MHz	-0 to +70°C	+/- .2 ppb	No EFC	.512[13.0]	<b>N06-014-xxx</b>