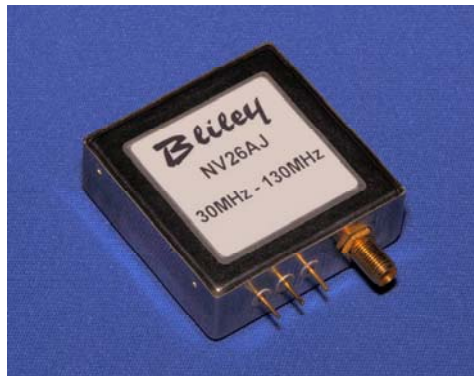


Low Noise 30 to 130MHz OCXO

NV26AJ Series

Description:

Bliley Technologies NV26AJ series Crystal Oscillators are specifically designed and manufactured for applications requiring superior noise performance. These oscillators are ideal for phase-locked microwave signal sources such as DRO's, low noise test equipment, Communication systems, and Radar applications.



Features Include:

- Excellent Temperature Stability
- High power output up to +15 dBm available
- Low profile package
- Excellent long-term aging
- Low power consumption (1 Watt typical at 25C)

Operating Frequency:

30 to 130 MHz

Output:

Sinewave: 10 dBm typical 15dBm max. Available
 Harmonics: -30dBc max.
 Spurious: -75dBc max.

Phase Noise Performance (Typical):

Offset Frequency (dBc/Hz)	Option A	Option B	Option C	Option D
	50 MHz (Typical)		100 MHz (Typical)	
100	-130	-135	-120	-130
1000	-152	-155	-150	-155
10000	-165	-165	-165	-165
100000	-165	-167	-165	-170

Frequency Stability Vs. Temperature Performance:

Temp. range	Freq Stability (Opt. A)	Freq Stability (Opt. B)	Freq Stability (Opt. C)	Freq Stability (Opt. D)	Freq Stability (Opt. E)
0°C to 50°C (Option A)	+/- 50 ppb	+/- 100 ppb	+/- 200 ppb	+/- 500 ppb	+/- 1 ppm
0°C to 70°C (Option B)	N/A	+/- 100 ppb	+/- 200 ppb	+/- 500 ppb	+/- 1 ppm
-20°C to 70°C (Option C)	N/A	+/- 100 ppb	+/- 200 ppb	+/- 500 ppb	+/- 1 ppm
-40°C to 70°C (Option D)	N/A	N/A	+/- 200 ppb	+/- 500 ppb	+/- 1 ppm
-40°C to 85°C (Option E)	N/A	N/A	+/- 200 ppb	+/- 500 ppb	+/- 1 ppm

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NV26AJ Series

Aging

Frequency	Timeframe	Aging	Product Code
All	20 Years	+/- 1.25 ppm/Year, 20-Years (Typ)	N/A

Supply Voltage and Power Consumption:

Option A		Option B	
12 Vdc +/- 5%		15 Vdc +/- 5%	
Turn-on Power	4.8W max.	Turn-on Power	4.8W max.
Steady-State	1.0 W typical at 25C	Steady-State	1.0 W typical at 25C

Frequency Versus Voltage (Vcontrol = 0V to 10V)

Option A	Option B	Option C
+/- 1 ppm	+/- 2ppm	+/- 3 ppm

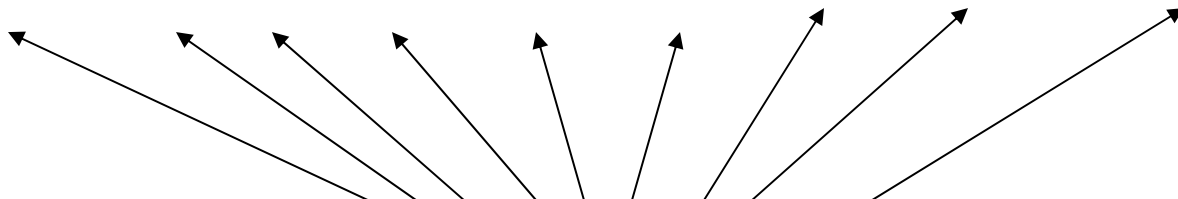
****Control Pin has 100Kohm input impedance.**

Environmental:

Storage Temperature			-55C	85C
Shock	MIL-STD 202G	Method 213 Condition C		
Vibration	MIL-STD 202G	Method 204 Condition A		

Ordering Options:

Type	Lead-free / Leaded	Package Style	Phase Noise	Temp. Range	Freq. Vs. Temp Stability	Supply Voltage	Frequency Vs. Voltage	Operating Frequency
NV	G for ROHS/ blank for Non-ROHS	26AJ	A	A	A	A	A	xx.xxxxMHz
			B	B	B	B	B	
			C	C	C		C	
			D	D	D			
			E	E	E			

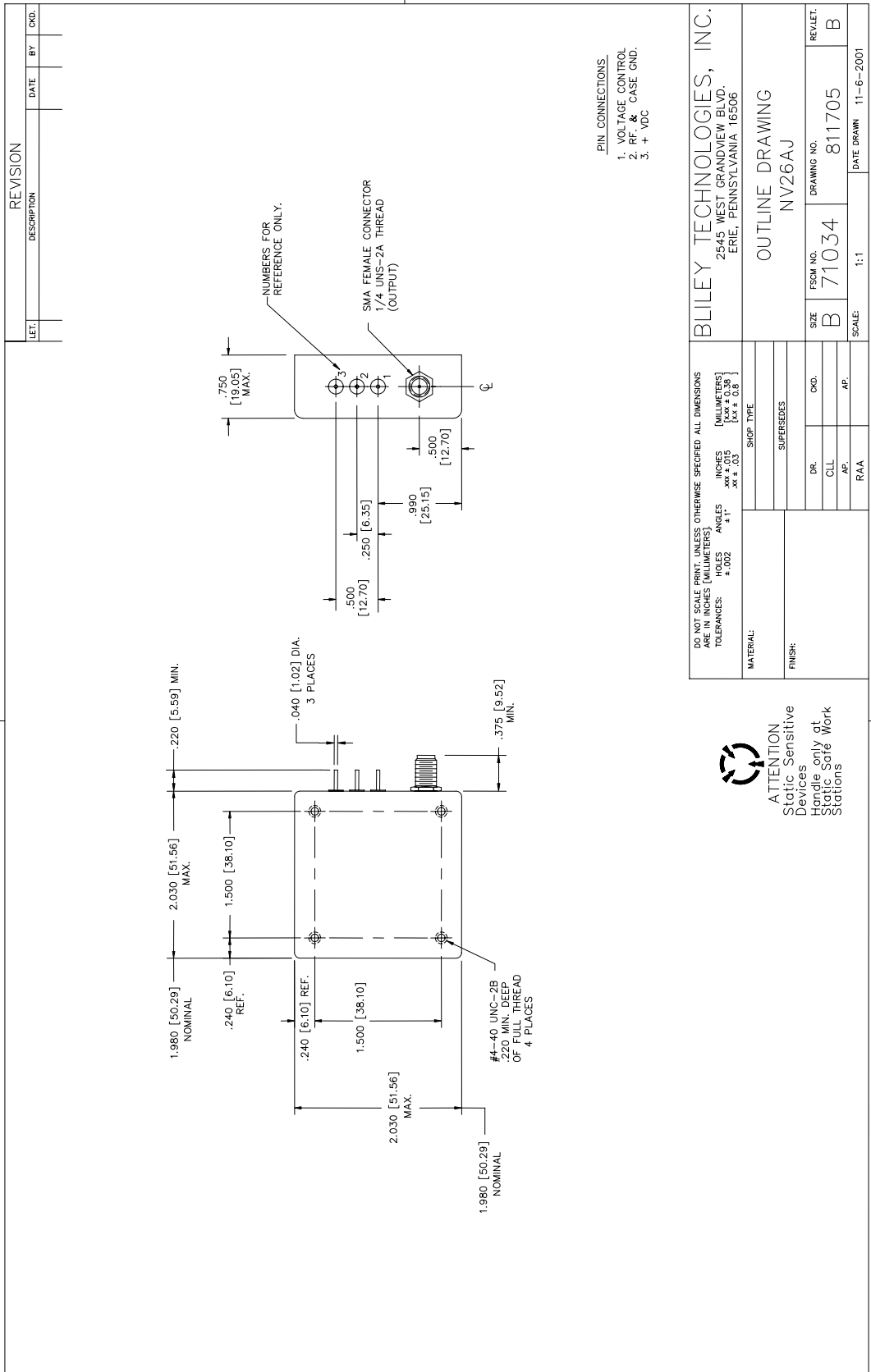


NV G 26AJ C A A A C 100.0000MHz
Product Selection Code (refer to the above example)

Low Noise 30 to 130MHz OCXO

NV26AJ Series

Outline Drawing & Pin Out:





Low Noise 30 to 130MHZ OCXO

NV26AJ Series

How to Order This Product:

Contact Bliley Technologies with Product Selection Code from the worksheet or Product Information Request Form.

Attn:

Sales @ Bliley

Fax: **814-833-2712**

Phone: 814-838-3571

Email: info@bliley.com

Web: www.bliley.com

Date: _____

From:

Name: _____ Company: _____

Fax: _____ Phone: _____

Email: _____

Quantities to Quote: _____ Target Price: \$ _____

Application / Reference #: _____