

Crystal Oscillator

NV5032SA

Voltage Controlled Crystal Oscillator (VCXO)

Main Application

For communication equipment for ISDN, SDH/SONET, WiMAX, etc. and Base-stations

Features

- A small ceramics-package.(Dimensions : 5.0×3.2mm)
- Output level : CMOS
- Frequency range : 62MHz to 170MHz
- Low current consumption : Max. 35mA



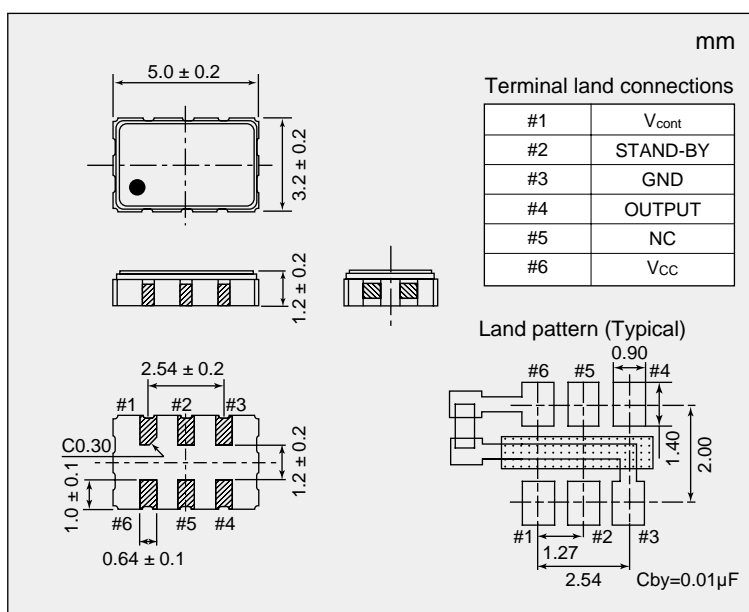
Pb Free

RoHS Compliant
Directive 2011/65/EU

Specifications

Item	Model	NV5032SA
Nominal Frequency Range (MHz)		62 to 170
Standard Frequency (MHz)		100, 122.88, 125, 153.6
Supply Voltage [V _{CC}] (V)		+3.3 ±10 %
Current Consumption (mA)		Max. 35
Output Level		CMOS
Symmetry (%)		45 to 55 (1/2 V _{CC})
Output Load Condition (pF)		15
Operating Temperature Range (°C)		-40 to +85
Storage Temperature Range (°C)		-55 to +125
Overall Frequency Tolerance		Max. ±50 × 10 ⁻⁶
Frequency Control Range / Control Voltage [V _{cont}]		Min. ±100 × 10 ⁻⁶ / +1.65 ± 1.65 V
Frequency Change Polarity		Positive
Specification Number		NSA3621A

Dimensions



Input (#2)	Output (#4)
High Level (Min. 0.7 V _{CC}) or OPEN	Output
Low Level (Max. 0.3 V _{CC})	Hi-Impedance