

## NV7050SF

Voltage Controlled Crystal Oscillator (VCXO)

### Main Application

For communication equipment, ISDN, SDH, WiMAX, LTE etc.

### Features

- A ceramics-package (Dimensions : 7.0×5.0mm).
- Output Specification: CMOS
- Frequency range : 1.25 to 62MHz and 122.88MHz
- Low current consumption : Max. 10mA (1.25MHz to 62MHz)



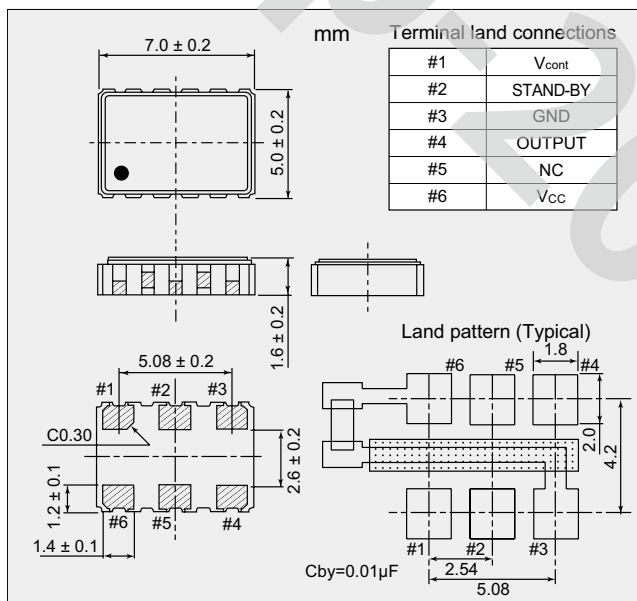
Pb Free

RoHS Compliant  
Directive 2011/65/EU  
Directive (EU) 2015/863

### Specifications

Item	Model	NV7050SF	
Nominal Frequency Range [f] (MHz)		1.25 to 62	---
Standard Frequency (MHz)		2.048, 10, 25, 30.72, 38.4, 50, 61.44	122.88
Supply Voltage [V <sub>cc</sub> ] (V)		+3.3 ± 10 %	
Current Consumption (mA)		Max. 10	Max. 35
Output Specification		CMOS	
Symmetry (%)		45 to 55 (1/2 V <sub>cc</sub> )	
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 <sup>-6</sup>	
Frequency Control Range / Control Voltage [V <sub>cont</sub> ]		Min. ±100 × 10 <sup>-6</sup> / +1.65 ± 1.65 V	
Frequency Change Polarity		Positive	
Specification Number		NSA3527A	NSC5138A

### Dimensions



### List of Stand-by function

Input (#2)	Output (#4)
High Level ( Min. 0.7 V <sub>cc</sub> ) or OPEN	Output
Low Level ( Max. 0.3 V <sub>cc</sub> )	Hi-Impedance

Please specify the model name, frequency, and specification number when you order products.  
For further questions regarding specifications, please feel free to contact us.