

Crystal Oscillator

Model Name 7311Q Dual-Rate Voltage-Controlled Crystal Oscillator (DUAL RATE-VCXO®) 7300 Series

Main Application

For SONET-, SDH-, and GbEthernet-related equipment

Features

- Frequencies can be selected according to the external input used.
- A surface-mount crystal oscillator.

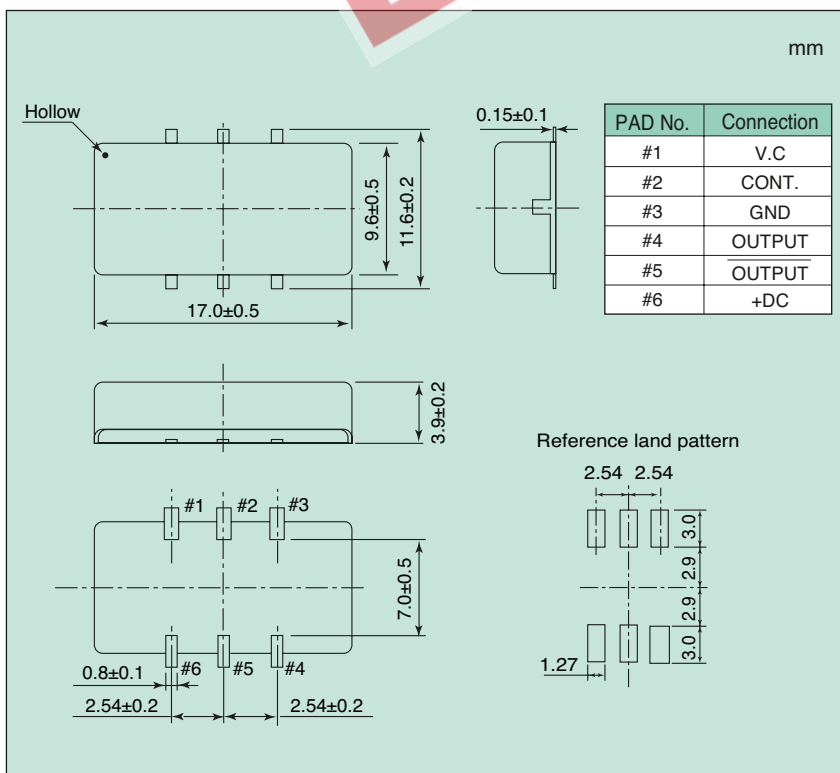


RoHS Compliant
Directive 2002/95/EC

Specifications

Item	Model Classification	7311Q NTVC1
Standard nominal frequency (MHz)		622.08/644.5313, 622.08/666.5143, 622.08/669.3266
Power supply voltage		+3.3V DC±5%
Load		50Ω
Operating temperature range		-10 to +70°C
Consumption current		100mA max
Output level		PECL level (Complementary)
Duty cycle		40 to 60%
Comprehensive frequency stability		±50×10 ⁻⁶ max
Frequency control characteristic		±100×10 ⁻⁶ min / +1.65±1.5V
Control polarity		Positive

Dimensions



List of Ordering Codes

Frequency (MHz)	Ordering Code
f1: 622.08 f2: 644.5313	7311Q-622M644M-NSA3342A
f1: 622.08 f2: 666.5143	7311Q-622M666M-NSA3342B
f1: 622.08 f2: 669.3266	7311Q-622M669M-NSA3342C

The above frequencies are NDK's standard frequencies. Frequencies other than the above are available. Feel free to contact our sales representatives.

Function Table

CONT.(#2)	OUTPUT(#4,#5)
L	FEC Rate
H	622.08MHz

* High Level : 2.0V min
Low Level : 0.8V max