

Crystal Oscillator

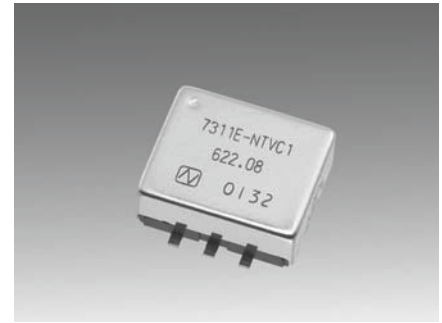
Model Name 7311E Voltage-Controlled Crystal Oscillator (VCXO) 7300 Series

Main Application

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

Features

- A compact and high-frequency SMD-VCXO.
- A surface-mount crystal oscillator.

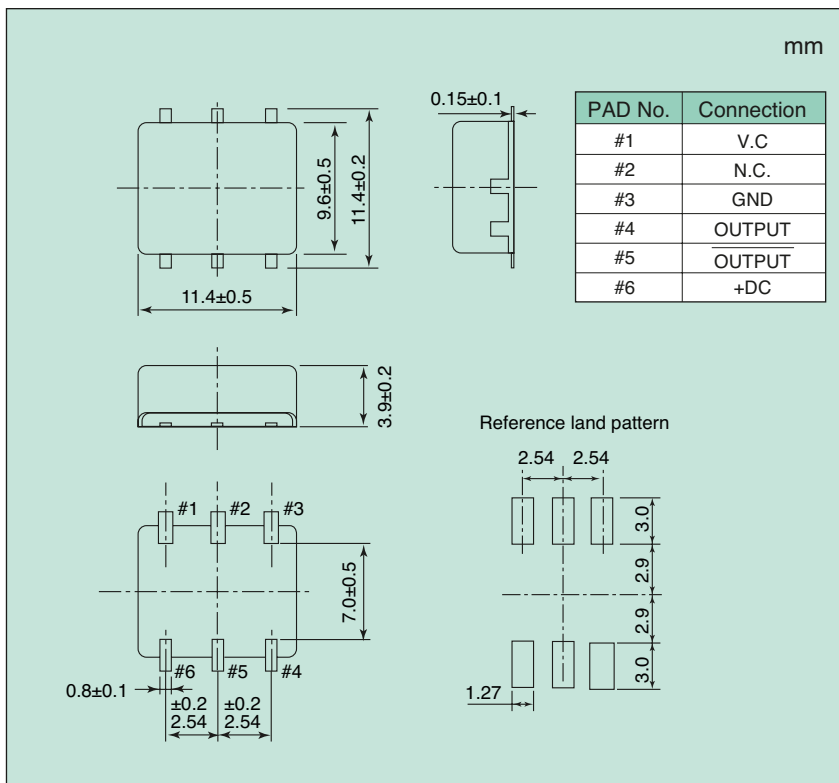


RoHS Compliant
Directive 2002/95/EC

Specifications

| Item | Model Classification | 7311E |
|-----------------------------------|----------------------|--|
| | | NTVC1 |
| Nominal frequency range (MHz) | | 600 to 780 |
| 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 (+2.0V) | | 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 |
|-----------------|--------------------------|
| 622.08 | 7311E-622.08M-NSA3327A |
| 624.7048 | 7311E-624.7048M-NSA3327A |
| 625 | 7311E-625M-NSA3327A |
| 644.5313 | 7311E-644.5313M-NSA3327A |
| 666.5143 | 7311E-666.5143M-NSA3327A |
| 666.91281 | 7311E-669.1281M-NSA3327A |
| 669.3266 | 7311E-669.3266M-NSA3327A |
| 672.1627 | 7311E-672.1627M-NSA3327A |
| 690.5692 | 7311E-690.5692M-NSA3327A |
| 693.483 | 7311E-693.483M-NSA3327A |
| 714.5514 | 7311E-714.5514M-NSA3327A |
| 719.7344 | 7311E-719.7344M-NSA3327A |
| 773.0702 | 7311E-773.0702M-NSA3327A |
| 775.5803 | 7311E-775.5803M-NSA3327A |
| 777.6 | 7311E-777.6M-NSA3327A |

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