

# SMD Crystal Oscillators

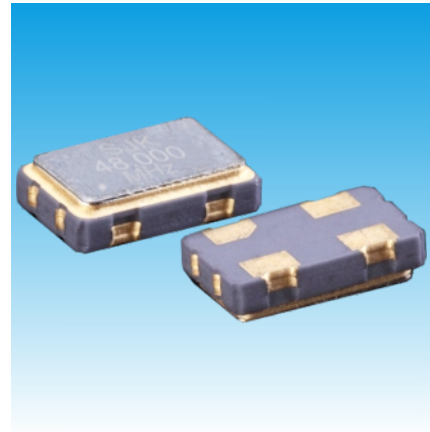


Size: 5.0×3.2×1.20 mm

7N Series SMD Crystal Oscillators

## Features

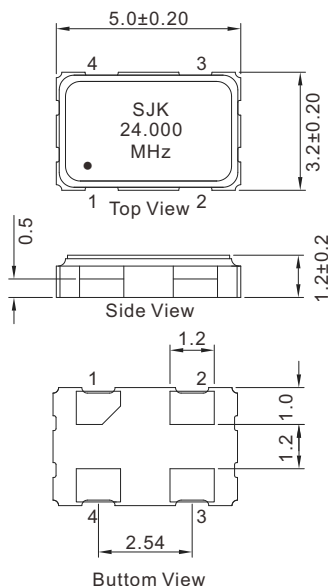
- Package size with 5.0×3.2×1.2mm
- Frequency range from 1MHz to 150MHz
- Low voltage operation: 1.8V~3.3V
- Low current consumption
- 3-state function
- Automatic mounting and reflow soldering
- Application for PC, Peripherals, Visual, Car, FA equipment applications, Sever, etc.
- RoHS Compliant /Pb Free



## Standard Specification

Item /Type	7N (SMD 5032 Crystal Oscillators)
Output Type	CMOS
Output Load	15pF, or specify
Supply Voltage	3.3V (1.8V, 2.5V available)
Frequency Range	1~150 MHz
Supply Current	20mA Max.
Frequency Stability	±25ppm, ±50ppm, or specify
Operating Temperature	-40~+85°C, or specify
Storage Temperature	-55~+125°C
Voltage Vol (Max.) /Voh (Min.)	0.1 VDD /0.9 VDD
Rise (Tr) /Fall (Tf) Time	8ns Max.
Period Jitter	40 pSec Max.
Duty Cycle	40~60%
Start-up Time	5ms Max.
Phase Jitter (12KHz~20MHz)	1ps Max.
Aging (at 25°C)	±3ppm /Year Max.
Packing Units	1000pcs. /Reel

## Dimensions [mm]



### Pin Connections

Pin No.	Connection
1	OE (Output Enable)
2	GND
3	Output
4	Vcc

