

Features

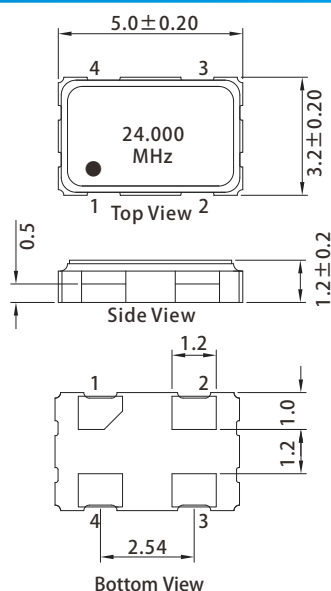
- Package size with 5.0×3.2×1.2mm
- Frequency range from 1MHz to 150MHz
- Low voltage operation: 1.8~3.3V
- Low current consumption
- 3-state function
- Automatic mounting and reflow soldering
- Application *PC, Peripherals, Visual, Car, FA Equipment, Servers, etc.*
- RoHS Compliant & Pb Free



Standard Specifications

Type	7N SMD Crystal Oscillator
Output Type	CMOS
Output Load	15pF, or specify
Supply Voltage	1.8~3.3V
Frequency Range	1~150 MHz
Supply Current	20mA Max.
Frequency Stability	±20ppm, 30ppm, or specify
Operating Temperature	-40~+85°C, or specify
Storage Temperature	-55~+125°C
Voltage Vol (Max.) / Voh (Min.)	0.1VDD / 0.9 VDD
Rise (Tr) / Fall (Tf) Time	8ns Max.
Period Jitter	40ps Max.
Duty Cycle	40~60%
Start-up Time	5ms Max.
Phase Jitter (12KHz~20MHz)	1 ps 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

