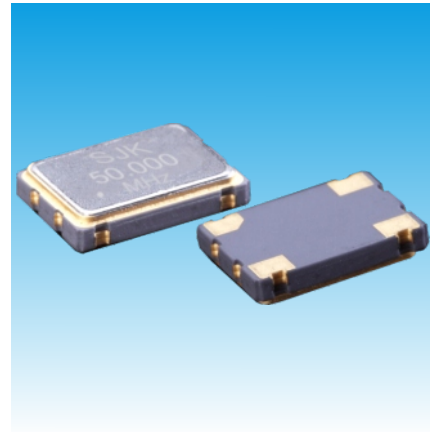


## Features

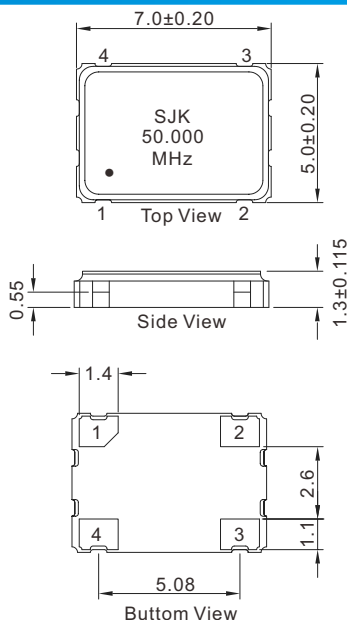
- Package size with 7.0×5.0×1.3mm
- Frequency range from 1MHz to 170MHz
- Low voltage operation: 1.8V~5.0V
- Low current consumption
- 3-state function
- Automatic mounting and reflow soldering
- Application for FC-HBA, LCDM, SONET, FA equipment applications, Sever, etc.
- RoHS Compliant /Pb Free



## Standard Specification

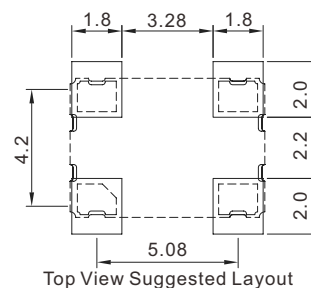
| Item /Type                     | 6N (SMD 7050 Crystal Oscillators) |
|--------------------------------|-----------------------------------|
| Output Type                    | CMOS                              |
| Output Load                    | 15pF, or specify                  |
| Supply Voltage                 | 3.3V (1.8~5.0 V)                  |
| Frequency Range                | 1~170 MHz                         |
| Supply Current                 | 20mA Max.                         |
| Frequency Stability            | ±20ppm, ±25ppm, 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                |



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