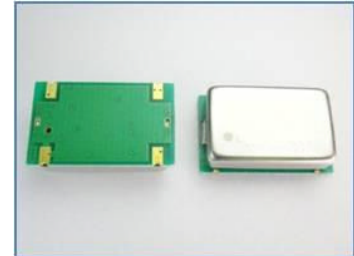


# Sine Wave VCXO

# VXSK04-08S1 Series

## ◆特長・用途/Feature

- SMD Package
- Supply Voltage     **+3.3V**
- Output               **Sine Wave**
- Frequency range   **12MHz ~ 70MHz**



## ◆仕様/Specifications

RoHS Compliant

| 項目 / item                              | Min      | Max  | 単位 / unit        | Note   |
|--|----------|------|------------------|--|
| 出力周波数<br>Frequency range               | 12       | 70   | MHz              | --   |
| 動作温度範囲<br>Operating Temp. range        | 0        | +70  | °C               | --   |
| 電源電圧<br>Power Supply voltage           | +3.3     |      | V                | --   |
| 消費電流<br>Current                        | --       | 20   | mA               | --   |
| 周波数安定度<br>Freq. Overall tolerance      | ±35      |      | 10 <sup>-6</sup> | Inclusive of initial tolerance ,<br>operating temperature ,<br>supply voltage change<br>and Load change. |
| 周波数可変範囲<br>Freq. control range         | ±40      | --   | 10 <sup>-6</sup> | Control Voltage (VC): +0.15V~+3.15V<br>Input impedance : 56kΩ min.                                       |
| 出力レベル<br>Output level                  | 0dBm±3dB |      | --               | Sine wave 負荷Load : 50Ω   |
| 低調波<br>Sub-harmonics                   | --       | -40  | dBc              | --   |
| 高調波<br>Harmonics                       | --       | -25  | dBc              | --   |
| 位相雑音<br>Phase noise<br>(例 : 57.265MHz) | --       | -82  | dBc/Hz           | 10Hz Offset  |
|  | --       | -115 | dBc/Hz           | 100Hz Offset   |
|  | --       | -137 | dBc/Hz           | 1kHz Offset  |
|  | --       | -150 | dBc/Hz           | 10kHz Offset   |
|  | --       | -150 | dBc/Hz           | 100kHz Offset  |

## ◆外形寸法/Dimensions unit : mm

