

OSC72

LOW EMI SPREAD SPECTRUM OSCILLATOR

SMD



TYPICAL APPLICATIONS

DSC, Wireless LAN, Printer, FAX

FEATURES

Small Size, Low EMI Output, Ceramic SMD Package, Seam Sealed, Lead-free Design, Reflow Soldering, Emboss Taping, Low Electromagnetic Radiation, RoHS Compliant Standard

DIMENSION

5.0x3.2x1.0[mm]

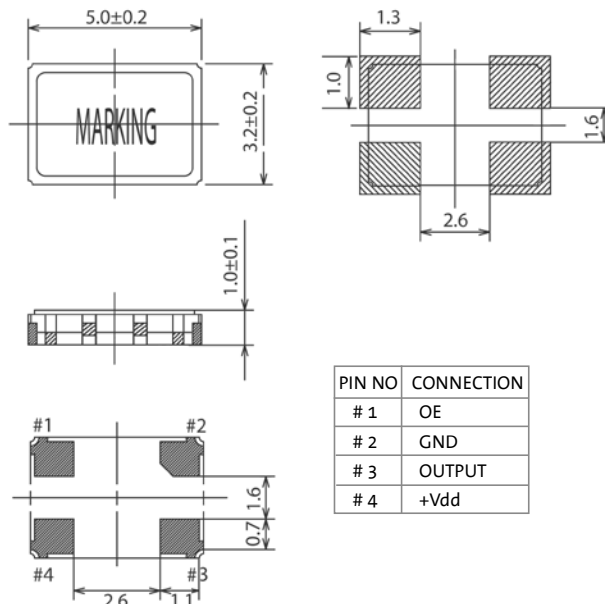
TYPICAL SPECIFICATIONS

| | | |
|----------------------------|------------------|---|
| Model | | OSC72 |
| Nominal Frequency Range | | 10~168MHz |
| Standard Frequency | | 24.000, 25.000, 27.000, 40.000, 54.000MHz |
| Frequency Stability | | ±50 ppm |
| Temperature Range | Operating | -10°C ~ +70°C |
| | Storage | -40°C ~ +85°C |
| Power Supply Voltage (VDC) | | +3.3V(±5%), +3.0V(±5%) |
| Input Voltage | "0" level | Vol : 0.3Vcc Max. |
| | "1" level | Voh : 0.7Vcc Min. |
| Current Consumption | | 7mA Max.(F<28MHz) 10mA Max.(F≥28MHz) T.B.D. (F≥80MHz) |
| Output | Load | 15pF |
| | Level | CMOS |
| | Symmetry | 40% ~ 60% @ 1/2 Vdd |
| | Rise & Fall Time | 7ns Max.@ 10%~90% Vdd |
| | Voltage | "0" level |
| "1" level | | Voh : 0.9Vdd Min. |
| Modulation Ratio | | ±0.5%, ±1%, ±2%, -4% |
| Cycle to Cycle Jitter (1σ) | | 200ps Max.(F<20MHz), 100ps Max. (F≥20MHz) |



OUTLINE DIMENSIONS
Unit:mm

Please consult with our sales department for other parameters.



All specifications are subject to change without notice.