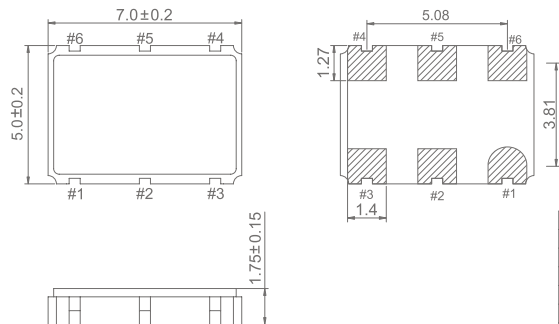
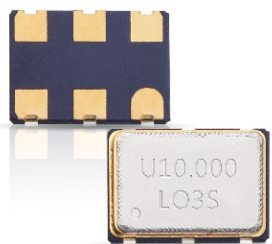


Dimensions(mm)



| Pad | Function |
|-----|--------------|
| #1 | Vcon |
| #2 | Tri-state/NC |
| #3 | GND |
| #4 | Output |
| #5 | NC |
| #6 | VDD |

GENERIC SPECIFICATION

| ITEM | 5.0V | 3.3V | REMARK |
|------------------------------|---------------------|--------------------|---------------|
| Frequency Range | 1.5MHz to 50.0MHz | 1.5MHz to 100.0MHz | |
| Frequency Stability * | ±20, ±30 ppm | | All Condition |
| Temperature Range | Storage Temp. | -55°C to +125°C | |
| | Operating Temp. | -20°C to +70°C | |
| Power Supply Voltage | 5.0V ±10% | 3.3V ±10% | |
| Control Voltage | 0.5 to 4.5V | 0.3 to 3.0V | |
| Frequency pulling Range | ±50 ppm min. | | |
| Supply Current | 1.0MHz≤Freq. <20MHz | 15mA max. | 10mA max. |
| | 20MHz≤Freq. <50MHz | 30mA max. | 20mA max. |
| | 50MHz≤Freq. <80MHz | 35mA max. | 30mA max. |
| | 80MHz≤Freq. ≤100MHz | — | 40mA max. |
| Output Symmetry (at 1/2Vdd) | 40~60% | | 45~55% option |
| Rise Time (10%-90%Vdd) | 5nS max. | | |
| Fall Time (90%-10%Vdd) | 5nS max. | | |
| Output Voltage | VoH | 90%Vddmin | |
| | VoL | 10% Vdd max | |
| Output Load (HCOMS Load) | 30pF max. | | Typical: 15pF |
| Start-up Time | 5mS max | | |
| Aging | First year ±3ppm | | |