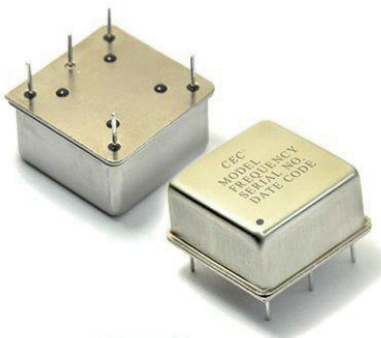


OXB09 SERIES

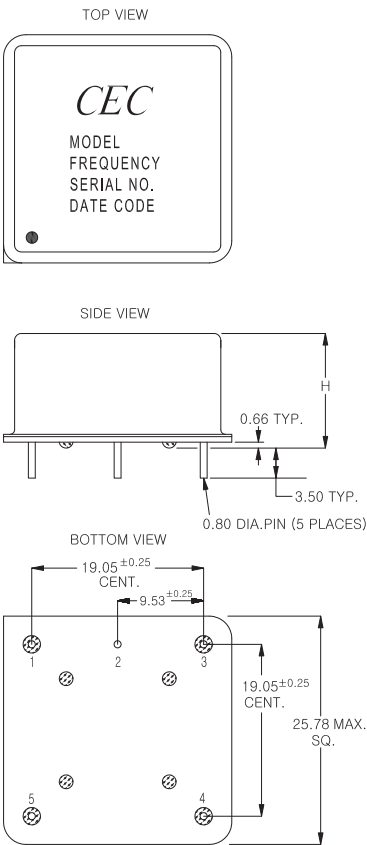
| Part Number Guide                                                        |                                                             |                                                                      |
|--------------------------------------------------------------------------|-------------------------------------------------------------|----------------------------------------------------------------------|
| OXB09-XXXX-FREQ.                                                         |                                                             |                                                                      |
| OXB09: 0CX0-B Package/09 Series                                          |                                                             |                                                                      |
| XXXX: Input Voltage/Temp. Range/Temp. Stability/Output/Adjustment Range  |                                                             |                                                                      |
| FREQ.: Frequency in MHz                                                  |                                                             |                                                                      |
| Example: OXA09-BAHLN-10MHz (5V, ±3ppb@-40°C~85°C, LVTTTL, no adjustment) |                                                             |                                                                      |
| Parameters参数                                                             | CodingTable代码表                                              |                                                                      |
| 11                                                                       | Frequency<br>频率                                             | 10MHz                                                                |
| 6                                                                        | Input Voltage<br>输入电压                                       | A:3.3V, B:5V, C:12V                                                  |
| 7                                                                        | Temp. Range<br>温度范围                                         | A: -40°C to 85°C, B: -30°C to 75°C, C: -20°C to 70°C, D: 0°C to 70°C |
| 8                                                                        | Temp. Stability<br>温度稳定度                                    | H: ±3ppb, I: ±5ppb, J: ±10ppb                                        |
| 9                                                                        | Output Waveform<br>输出波形                                     | L: LVTTTL, H: HCMOS, S: Sine wave                                    |
| 10                                                                       | Adjustment Range<br>调频范围                                    | A: ±0.5ppm~±1.0ppm N: No Adjustment                                  |
| Typical Specification of 10MHz 0CX0 典型规格                                 |                                                             |                                                                      |
| Aging<br>老化率                                                             | daily                                                       | <±0.3ppb                                                             |
|                                                                          | Yearly                                                      | <±30ppb                                                              |
| Warm-up Time<br>预热时间                                                     | <3min, to 5ppb of final frequency(30 minutes reading)@25°C. |                                                                      |
| Warm-up Power<br>预热功率                                                    | <4 Watts                                                    |                                                                      |
| Steady State Power<br>稳态功耗                                               | <1.2 Watts@25°C                                             |                                                                      |
| Voltage Stability<br>电压稳定性                                               | <±0.5ppb/Vcc±5%                                             |                                                                      |
| Short Term Stability<br>短期稳定度                                            | <0.005ppb/S                                                 |                                                                      |
| Phase Noise<br>相位噪声<br>(Typical Value)<br>(典型值)                          | -105 dBc/Hz                                                 | @1Hz                                                                 |
|                                                                          | -130 dBc/Hz                                                 | @10Hz                                                                |
|                                                                          | -152 dBc/Hz                                                 | @100Hz                                                               |
|                                                                          | -168 dBc/Hz                                                 | @1KHz                                                                |
|                                                                          | -175 dBc/Hz                                                 | @10KHz                                                               |
|                                                                          | -175 dBc/Hz                                                 | @100KHz                                                              |
| Product Height<br>产品高度                                                   | 12.7mm Max.                                                 |                                                                      |



Pb Free

RoHS Compliant

Mechanical Dimensions 外形图



PIN CONNECTIONS

| PIN | FUNCTION                 |
|-----|--------------------------|
| 1   | R. F. Output             |
| 2   | GND                      |
| 3   | VCO Input or N/C         |
| 4   | Reference Voltage or N/C |
| 5   | +VCC                     |

Unit: mm