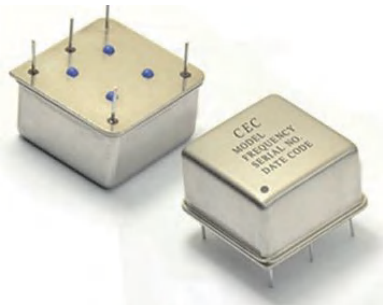


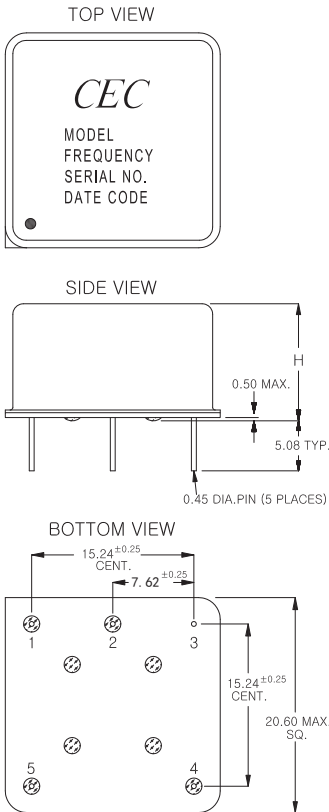
OXD43 SERIES

| Part Number Guide                                                                    |                          |                                                                         |                  |
|--------------------------------------------------------------------------------------|--------------------------|-------------------------------------------------------------------------|------------------|
| OXD43-XXXX-FREQ.                                                                     |                          |                                                                         |                  |
| OXD43: 0CX0-D Package/43 Series                                                      |                          |                                                                         |                  |
| XXXX: Input Voltage/Temp. Range/Temp. Stability/Output/Adjustment Range              |                          |                                                                         |                  |
| FREQ.:Frequency in MHz                                                               |                          |                                                                         |                  |
| Example:OXD43-BCFHA-10MHz (5V, ±1ppb@-20℃~70℃, HCMOS, ±0.5~±1.0ppm adjustment range) |                          |                                                                         |                  |
| Parameters参数                                                                         |                          | CodingTable代码表                                                          |                  |
| 11<br>~                                                                              | Frequency Range<br>频率范围  | 5MHz~26MHz                                                              |                  |
|                                                                                      |                          | 5, 8, 192, 10, 12, 8, 13, 15, 36, 16, 384, 19, 2, 19, 44, 20, 25, 26MHz |                  |
| 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℃ to 85℃, B: -30℃ to 75℃, C: -20℃ to 70℃                          |                  |
| 8                                                                                    | Temp. Stability<br>温度稳定性 | E: ±0.5ppb, F: ±1ppb, G: ±2ppb                                          |                  |
| 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                                     |                  |
| Voltage电压                                                                            |                          |                                                                         |                  |
| Input Voltage<br>输入电压                                                                | 3.3V±5%                  | 5V±5%                                                                   | 12V±5%           |
| Reference Voltage<br>参考电压                                                            | 2.8V                     | 4V                                                                      | 5V               |
| VCO Center Voltage<br>压控端中心电压                                                        | 1.4V                     | 2V                                                                      | 2.5V             |
| VCO Input Range<br>压控端输入范围                                                           | 0~2.8V                   | 0~4V                                                                    | 0~5V             |
| Typical Specification of 10MHz 0CX0 典型指标                                             |                          |                                                                         |                  |
| Crystal Type<br>晶体类型                                                                 | SC-Cut                   | Voltage Stability<br>电压稳定性                                              | < ±0.1ppb@Vcc±5% |
| Aging<br>老化率                                                                         | daily< ±0.1ppb           | Short Term Stability<br>短期稳定度                                           | <0.003ppb/S      |
|                                                                                      | Yearly< ±10ppb           | Warm-up Power<br>预热功耗                                                   | <3 Watts         |
| Product Height<br>产品高度                                                               | 11mm or 12.7mm Max.      | Steady State Power<br>稳态功耗                                              | <1.0 Watts@25℃   |
| Phase Noise<br>(Typical Value)<br>相位噪声<br>(典型值)                                      | -115dBc/Hz               |                                                                         | @1Hz             |
|                                                                                      | -140dBc/Hz               |                                                                         | @10Hz            |
|                                                                                      | -155dBc/Hz               |                                                                         | @100Hz           |
|                                                                                      | -165dBc/Hz               |                                                                         | @1KHz            |
|                                                                                      | -175dBc/Hz               |                                                                         | @10KHz           |



Pb Free RoHS Compliant

Mechanical Dimensions 外形图



PIN CONNECTIONS

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

Unit: mm