



## SPECIFICATION

Customer : \_\_\_\_\_

Customer P/N : **OS756-B61-200.00MHZ**

Agent : \_\_\_\_\_

Agent Code : \_\_\_\_\_

Order Code : \_\_\_\_\_

P/N : \_\_\_\_\_

Customer Approval :

东莞市大普通信技术有限公司

Dongguan DAPU Telecom Technology co.,Ltd

市场/SALE DEPARTMENT

TEL: 0769-81800088

FAX: 0769-81800098

URL [HTTP://www.dptel.com](http://www.dptel.com)

Date : \_\_\_\_\_

Approved By: \_\_\_\_\_

品质部/QUALITY ASSURANCE DEPT

TEL:0769-81800088-833

Checked By: \_\_\_\_\_

研发部/R&D DEPT.

TEL:0769-81800088-828

Designer : \_\_\_\_\_



## 1、 Scope:

- |     |                         |                        |
|-----|-------------------------|------------------------|
| 1.1 | Description:            | SMD Crystal Oscillator |
| 1.2 | Center Frequency:       | 200.00MHz              |
| 1.3 | Dimension & Drawing No: | OS756-B61-200.00MHz    |

## 2、 Construction:

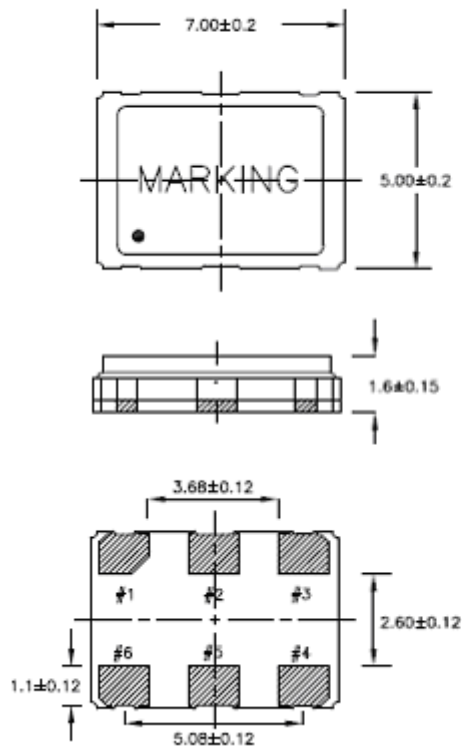
- 2.1 Oscillators series: SMD7×5 XO

## 3、 Electrical Characteristics

- |      |  |   |
|------|--|---|
| 3.1  | Nominal Frequency:                             | 200.00MHz   |
| 3.2  | Temperature stability                          | $\leq \pm 30\text{ppm}$   |
| 3.3  | Aging:   | $\leq \pm 3\text{ppm/year}$ @ at $25^\circ\text{C} \pm 5^\circ\text{C}$ |
| 3.4  | Operation Temperature Range:                   | $-40^\circ\text{C}$ to $+85^\circ\text{C}$                              |
| 3.5  | Storage Temperature Range:                     | $-45^\circ\text{C}$ to $+100^\circ\text{C}$                             |
| 3.6  | Input Voltage:                                 | $+3.3\text{VDC} \pm 5\%$  |
| 3.7  | Current Consumption:                           | $\leq 100\text{mA}$   |
| 3.8  | Output Waveform:                               | LV-PECL   |
| 3.9  | Output Symmetry:                               | 45% ~ 55%   |
| 3.10 | Rise/Fall Time:                                | $\leq 400\text{ps}$ @20% ~ 80% ( $V_{\text{OH}} - V_{\text{OL}}$ )      |
| 3.11 | Output Voltage $V_{\text{OL}}$ :               | $\leq 1.6\text{V}$  |
|      | $V_{\text{OH}}$ :                              | $\geq 2.35\text{V}$   |
| 3.12 | Output Load:                                   | $50\Omega$ @Terminated to $V_{\text{CC}} - 2.0\text{V}$                 |
| 3.13 | Output enable input voltage $V_{\text{IH}}$ :  | $\geq 70\% V_{\text{CC}}$   |
| 3.14 | Output disable input voltage $V_{\text{IL}}$ : | $\leq 30\% V_{\text{CC}}$   |
| 3.15 | Start-up Time:                                 | $\leq 10\text{ms}$  |
| 3.16 | Jitter   |   |
|      | $T_{\text{DJ}}$                                | 0.2ps Typ.  |
|      | $T_{\text{RJ}}$                                | 3ps Typ.  |
|      | $T_{\text{RMS}}$                               | 3ps Typ.  |
|      | $T_{\text{P-P}}$                               | 25ps Typ.   |
|      | $T_{\text{acc}}$                               | 4ps Typ.  |
| 3.15 | Phase Jitter                                   | $\leq 1\text{ps(RMS)}$ @ 12 kHz ~ 20 MHz                                |



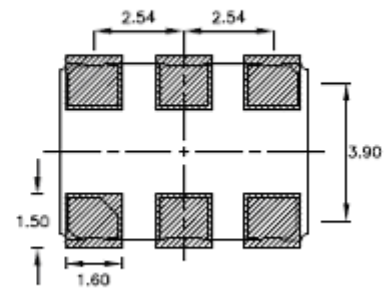
4 、 Figure



Standard

Terminal	Connection
#1	NC or INH
#2	NC
#3	GND
#4	OUT
#5	OUTN
#6	+Vcc

LAND PATTERN (REFERENCE)



Unit : mm