

Customer Code : _____

DATASHEET

DAPU P/N: **OS756-B61-200.00MHz****Y75NN20003**

DAPU			Customer Approval
Drew	Audited	Approved	Stamp, please! Thanks!
Date: 2015.12.29			

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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:

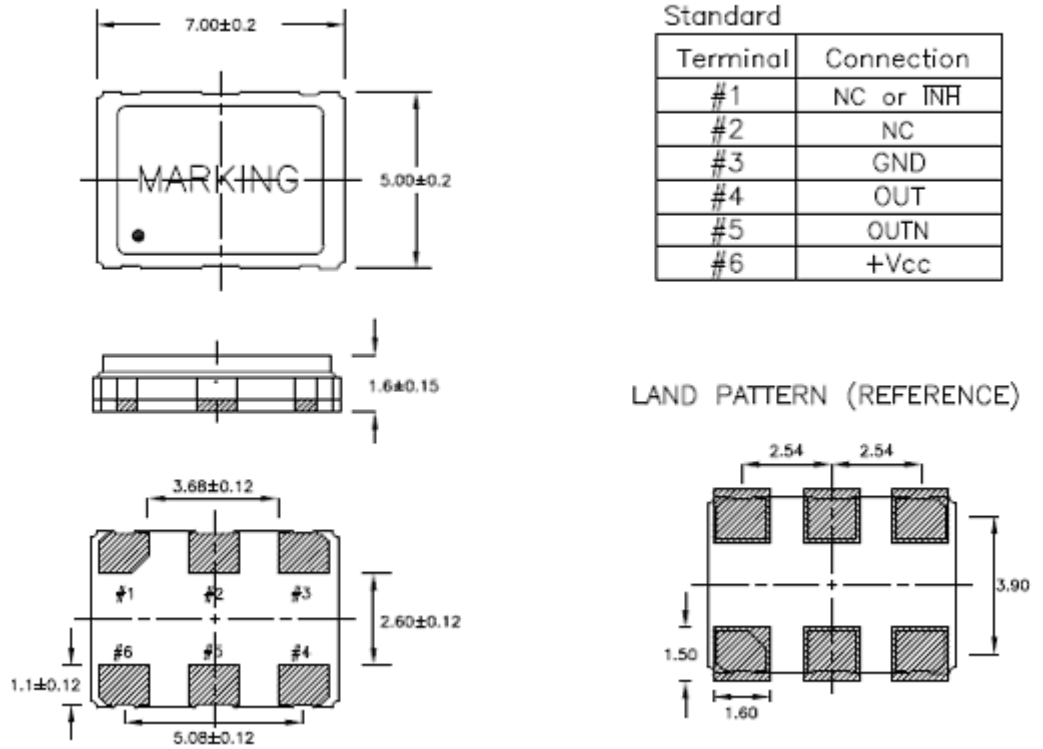
- 2.1 Oscillators series: SMD7×5 XO

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°C $\pm 5^\circ\text{C}$
- 3.4 Operation Temperature Range: -40°C to +85°C
- 3.5 Storage Temperature Range: -45°C to +100°C
- 3.6 Input Voltage: +3.3VDC $\pm 5\%$
- 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: $\leq 600\text{ps}$ @ 20% ~ 80% ($V_{OH}-V_{OL}$)
- 3.11 Output Voltage V_{OL} : $\leq 1.68\text{V}$
 V_{OH} : $\geq 2.275\text{V}$
- 3.12 Output Load: 50Ω @ Terminated to $V_{CC} - 2.0\text{V}$
- 3.13 Output enable input voltage V_{IH} : $\geq 70\% V_{CC}$
- 3.14 Output disable input voltage V_{IL} : $\leq 30\% V_{CC}$
- 3.15 Start-up Time: $\leq 10\text{ms}$
- 3.16 Jitter
 - T_{DJ} 0.2ps Typ.
 - T_{RJ} 3ps Typ.
 - T_{RMS} 3ps Typ.
 - T_{P-P} 25ps Typ.
 - T_{acc} 4ps Typ.
- 3.15 Phase Jitter $\leq 1\text{ps(RMS)}$ @ 12 kHz ~ 20 MHz



4 、 Figure



Unit : mm