



## SPECIFICATION

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

Customer P/N : **OS754-A31-25.00MHz**

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

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

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

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

Customer Approval :

Dongguan DAPU Telecom Technology co.,Ltd	
SALE DEPARTMENT	Date : _____
TEL: 0769-81800088	
FAX: 0769-81800098	
URL <a href="http://www.dptel.com">HTTP://www.dptel.com</a>	Approved By: _____
QUALITY ASSURANCE DEPT	
TEL:0769-81800088-833	Checked By: _____
R&D DEPT.	
TEL:0769-81800088-828	Designer : _____



## 1、 Scope:

- |     |                         |                        |
|-----|-------------------------|------------------------|
| 1.1 | Description:            | SMD Crystal Oscillator |
| 1.2 | Center Frequency:       | 25.00MHz               |
| 1.3 | Dimension & Drawing No: | OS754-A31-25.00MHz     |

## 2、 Construction:

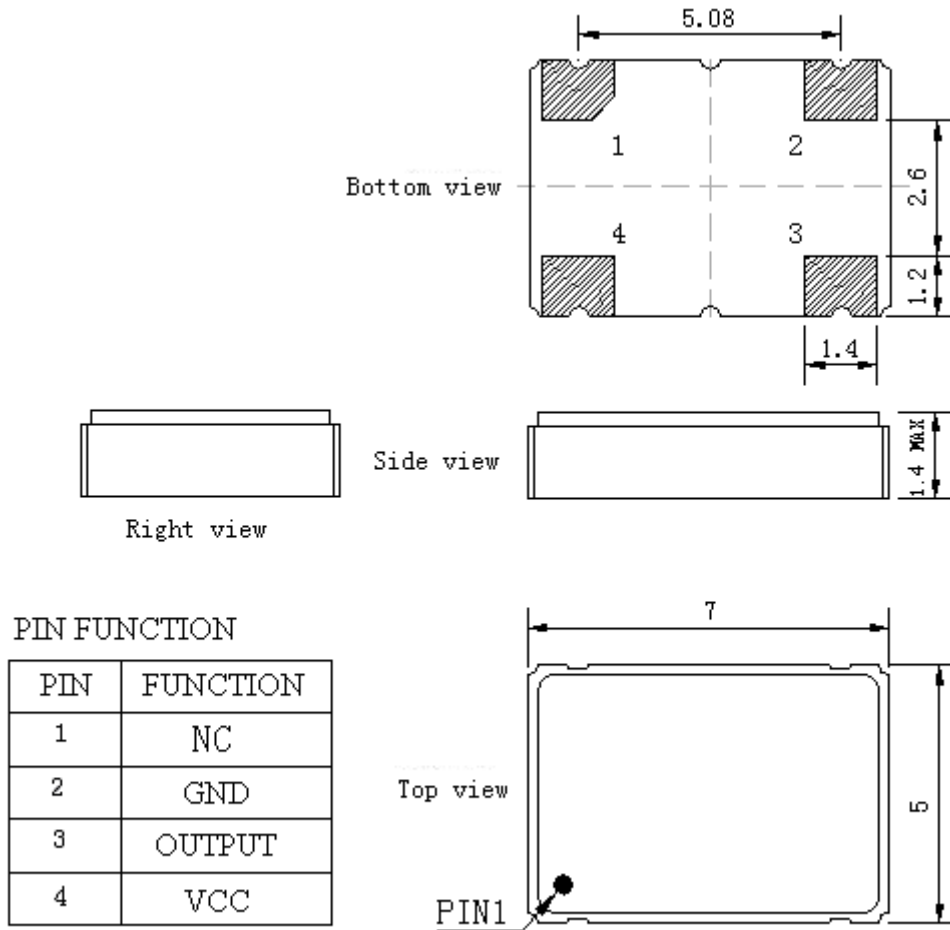
- 2.1 Oscillators series: SMD7×5 XO

## 3、 Electrical Characteristics

- |      |                              |  |
|------|------------------------------|--|
| 3.1  | Nominal Frequency:           | 25.00MHz                                   |
| 3.2  | Temperature stability        | $\leq \pm 25\text{ppm}$                    |
| 3.3  | Aging:                       | $\leq \pm 3\text{ppm/year}$ @ 25°C ± 5°C   |
| 3.4  | Initial Accuracy             | $\leq \pm 10\text{ppm}$ @ 25°C             |
| 3.5  | Operation Temperature Range: | -40°C to +85°C                             |
| 3.6  | Storage Temperature Range:   | -55°C to +125°C                            |
| 3.7  | Input Voltage:               | 3.3Vdc(unalterable)                        |
| 3.8  | Current Consumption:         | $\leq 10\text{mA}$                         |
| 3.9  | Output Waveform:             | CMOS                                       |
| 3.10 | Output Symmetry:             | 45% ~ 55%                                  |
| 3.11 | Output Voltage $V_{OL}$ :    | $\leq 0.4\text{V}$                         |
|      | $V_{OH}$ :                   | $\geq 2.7\text{V}$                         |
| 3.12 | Output Load:                 | 15pF                                       |
| 3.13 | Start-up Time:               | $\leq 10\text{ms}$                         |
| 3.14 | Phase Jitter                 | $\leq 1.0\text{ps(RMS)}$ @ 12 kHz ~ 20 MHz |



#### 4 、 Figure

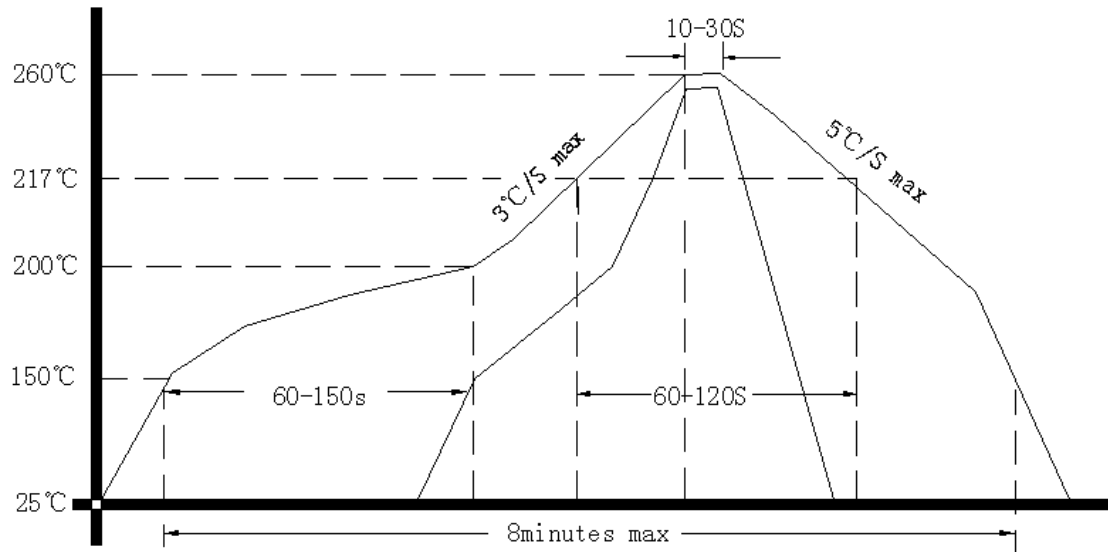


\* Tolerance  $\pm 0.1\text{mm}$  without mark

Unit : mm



## 5、 Reflow Soldering Curve (RoHS)



## 6、 Package: Tape & Reel (mm)

