



SPECIFICATION

Customer : _____

Customer P/N : **OS754-A31-12.00MHz**

Agent : _____

Agent Code : _____

Order Code : _____

P/N : _____

Customer Approval :

Dongguan DAPU Telecom Technology co.,Ltd

SALE DEPARTMENT

TEL: 0769-81800088

FAX: 0769-81800098

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

Date : _____

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: | 12.00MHz |
| 1.3 | Dimension & Drawing No: | OS754-A31-12.00MHz |

2、 Construction:

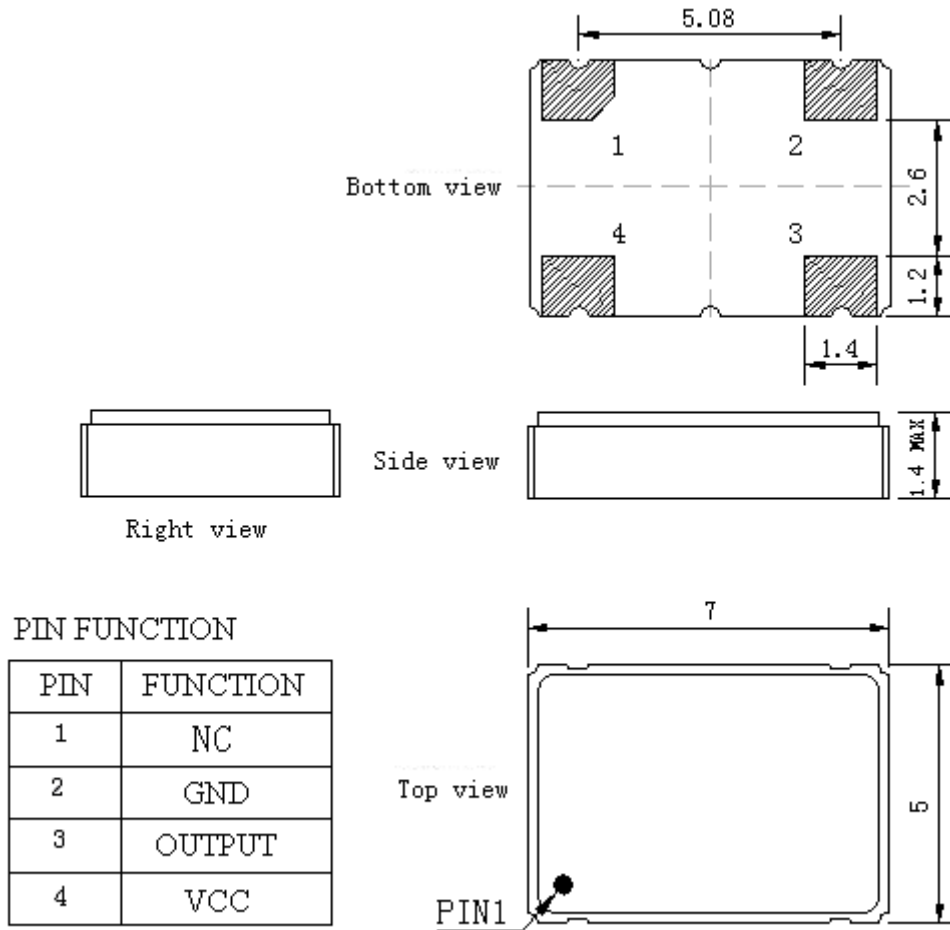
- 2.1 Oscillators series: SMD7×5 XO

3、 Electrical Characteristics

- | | | |
|------|------------------------------|--|
| 3.1 | Nominal Frequency: | 12.00MHz |
| 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

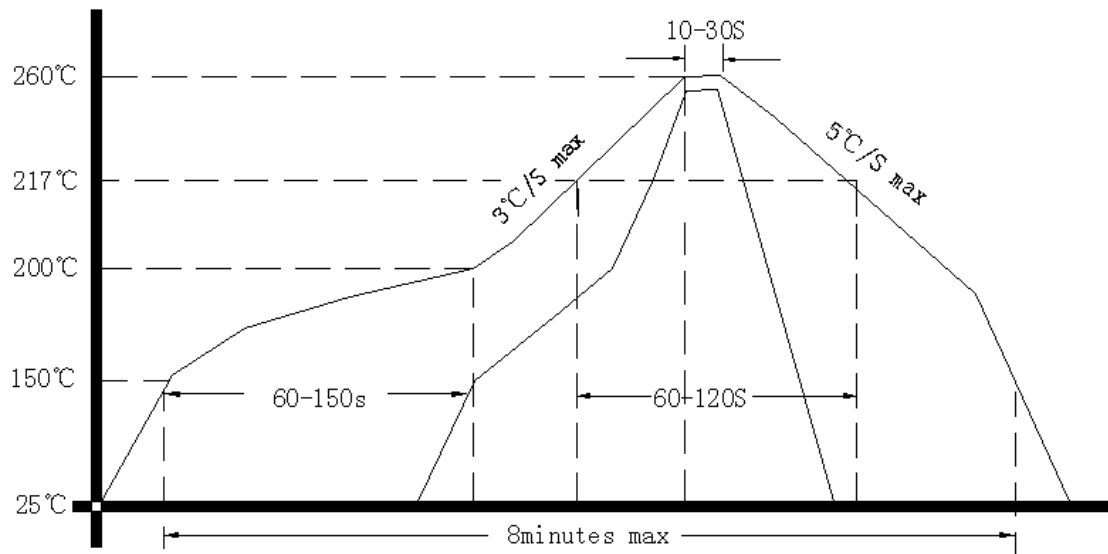


* Tolerance $\pm 0.1\text{mm}$ without mark

Unit : mm



5、 Reflow Soldering Curve (RoHS)



6、 Package: Tape & Reel (mm)

