SPECIFICATION

Customer : _____

Customer P/N : **VC936F-CEAD-622.08MHz**

Agent : _____

Agent Code : _____

Order Code : _____

P/N : _____

Customer Approval :

广东大普通信技术有限公司

Guangdong DAPU Telecom Technology co.,Ltd

市场/SALE DEPARTMENT

TEL：0769-88010888

FAX：0769-88010111

URL HTTP://www.dptel.com

品保部/QUALITY ASSURANCE DEPT

TEL:0769-88010888-833

研发部/R&D DEPT.

TEL:0769-88010888-809

Date : _____

Approved By: _____

Checked By: _____

Designer : _____

1、 Scope:

1.1	Description:	SMD14×9 Crystal Oscillator
1.2	Center Frequency:	622.08MHz
1.3	Dimension & Drawing No:	VC936F-CEAD-622.08MHz

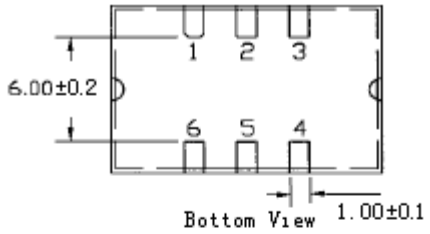
2、 Electrical Characteristics

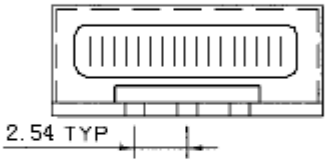
2.1. Frequency	622.08MHz
2.2. Waveform	LVPECL V_{OH}: Vcc-1.025 VDC min. V_{OL}: Vcc-1.620 VDC max.
2.3. Symmetry	45%~55% at 50% Level
2.4. Trise and Tfall(20%~80%)	0.8ns max.
2.5. Load	50Ω to +1.3VDC
2.6. Frequency stability:	≤±20ppm
2.7. Precision	+1.65 ±0.25 VDC @ Vfo (see note 1)
2.8. Aging	≤±2.0x10^{-6}/first year
2.9. Supply Voltage	+3.3VDC±5%
2.10. Absolute voltage ranges	-0.5 to +6.0 VDC for Vcc and Vc (non-destructive)
2.11. Supply current	≤100mA @ Vc=1.65VDC,Vcc=3.3VDC，25 °C
2.12. Control voltage nominal	0 ~3.3VDC @ Vcent=1.65V
2.13. APR(Note 2)	≥±80ppm(over control voltage range)
2.14. Slope	Positive
2.15. Linearity	≤±20%
2.16. Input Impedance	≥100KΩ
2.17. Operable temperature range	-40°C ~ +85°C
2.18. Storage temperature range	-55°C ~ +125°C

Note 1: Vfo is the control voltage at which the output frequency is equal to the nominal frequency Fo @ 25 +/- 1℃.

Note 2 : APR is the minimum guaranteed frequency shift from Fo over variations in temperature, 15 years aging,+/-5% power supply and load variations.

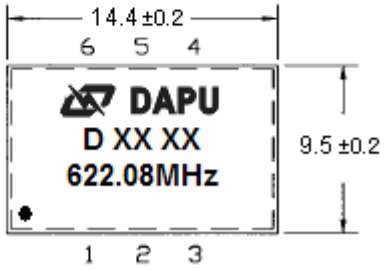
3、Mechanical （mm）





Front View

Side View



Top View

PIN CONNECTION

1	Vc
2	N/C
3	GND
4	OUTPUT
5	$\overline{\text{OUTPUT}}$
6	Vcc

***Note D XX XX**

（1）D Indicate DAPU

（2）the fore XX indicate year of

（3）the later XX indicate week of