

## AT38系列/AT38 Series

CHAT38-26.000M120B2-NB

(料号参考下页选型指南)

Pb Free

RoHS Compliant  
2002/95/EC



### ※ 应用及特点 Application & Features

- 电脑、网卡、通讯 Computer, Modem, Communications
- 蓝牙、无线 Bluetooth, Wireless
- 自动控制设备及其它 Automotive Equipment at Other
- 金属封装尺寸: 3.0×8.0mm Metal Package

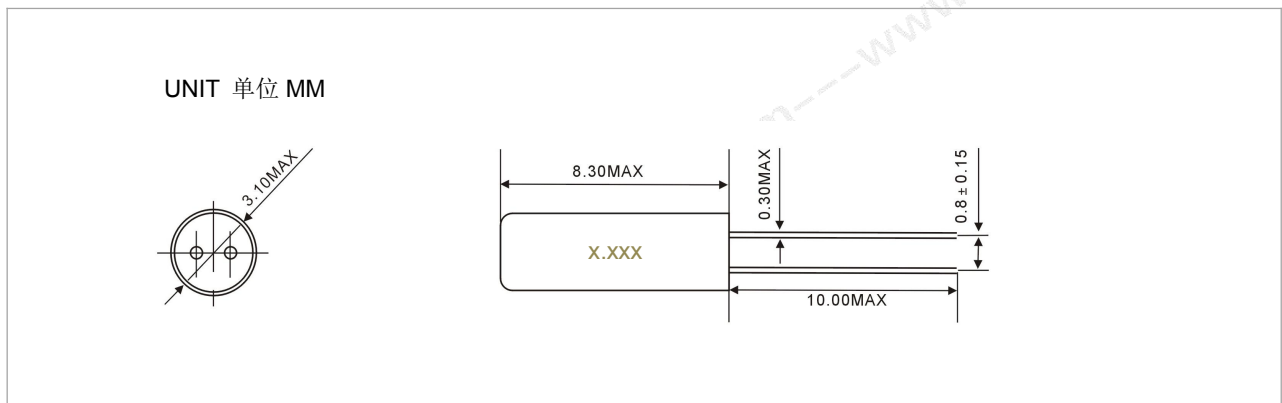
### ※ 电气参数 Electrical Specification

项目 Item	参数 Parameter
频率范围 Frequency Range	26.000MHz
调整频差 Frequency Tolerance ( $\Delta F$ )(at25°C)	$\pm 10$ to $\pm 50$ ppm
温度频差 Frequency Drift)	$\pm 10$ to $\pm 50$ ppm
工作温度 Operating Temperature Range	-20 to 70 / -40 to 85 °C
储存温度 Storage Temperature Range	-40 to 85 °C
负载电容 Load Capacitance , (CL)	Suggested by customer
激励功率 Drive Level)	1 $\mu$ W Maximum
静态电容 Shunt Capacitance ,(C0)	5.0pF Max
老化率 Aging at 25 °C	$\pm 5$ ppm/year Max
绝缘阻抗 Insulation Resistance (Rs)	500M $\Omega$ Min at100Vdc

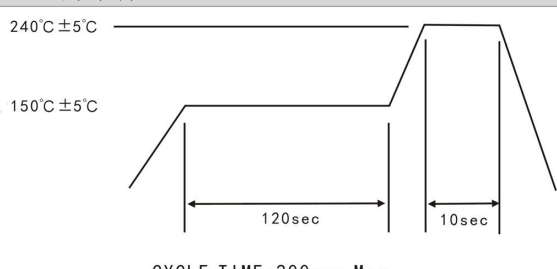
### ※ 等效电阻和振荡模式 Equivalent Series Resistance (ESR) and Mode of Oscillation

频率范围 Frequency Range (MHz)	等效阻抗 ESR( $\Omega$ )	振荡模式 Mode of Oscillation
3.579 - 4.500 MHz	150 Max	基频 AT Fund
4.500 - 5.000 MHz	120 Max	基频 AT Fund
5.000 - 7.000 MHz	100 Max	基频 AT Fund
7.000 - 10.000 MHz	80 Max	基频 AT Fund
10.000 - 12.000 MHz	60 Max	基频 AT Fund
12.000 - 30.000 MHz	40 Max	基频 AT Fund
30.000 - 64.000 MHz	80 Max	基频 AT Fund

### ※ 外形尺寸及印字 Mechanical Dimensions and Marking



## ※ 应用环境标准 Environmental /Mechanical SPEC

项目 Item	参数 Parameter	回流焊条件 Reflow Condition
耐冲击性 Shock Resistance	跌落测试:75cm 高度,跌落三次至硬木板 Drop from Height 75cm to hard wooded board 3 times	 <p>CYCLE TIME: 200sec Max.</p>
焊接条件 Solder Condition	引线焊接时,烙铁最高温度 240 度, 焊接时间最长 10 秒 Lead wire should be soldered with 10S with the iron heated to a tip temperature 240°C (Max)	

## ※ 选型指南 Part Number Guide

CH		AT38		—		26.000M 1		20		B2		—		N		B		
CHXTAL																		包装方式 B: 散包 Bulk T: 编带 Tape
型号 Table1																		附加加工 N: 普通 Normal C: 切脚 Lead Cutting G: 弯脚 Gull Wing J: 套管 Jacket I: 绝缘垫片 Insulator
频率 Frequency Range																		温度特性 Table2
振荡模式 1: Fund 3: 3RD 5: 5thovertone																		
负载电容(PF) Load Capacitance																		

## ※ Table1 型号/Type

A	B	C							
AT26	AT38	AT39							

## ※ Table2 温度特性及频差/Frequency stability at Temperature Range

温度特性及频差 Frequency stability @Temperature Range						
	Temp (°C)	-10~60	-20~70	-40~85		
Stability (ppm)		A	B	C		
±10	1	*	*			
±20	2	*	*	*		
±30	3	*	*	*		