



这类晶振广泛应用于行动电话、无绳电话、小灵通手机、卫星定位导航、蓝牙、数码相机、无线网卡、温补振荡器等等。

This kind of resonator is widely used in cellular phone, Codeless phone, PHS, GPS, Bluetooth, Wireless LAN, DSC, TCXO, etc.

技术参数 SPECIFICATIONS

Type	型号	M3225
频率范围	Frequency range(fund.)(基频)	16.0~40.0 MHz
振荡模式	Vibration mode	AT cut
调整频差	Frequency tolerance(at+25℃)	±10, ±20, ±30ppm
温度频差	Frequency stability	±10, ±15ppm, See Table1(见表1)
工作温度	Operation temperature range	-10~+60℃, 30~+85℃, See Table1(见表1)
等效电阻	Equivalent series resistance	See Table2(见表2)
负载电容	Load capacitance	series, 9pF, 10pF, 12pF, 16pF, 20pF, 30pF, etc.
静电容	Shunt capacitance	5pF max
激励功率	Level of drive	10 μW(100 μW max.)
老化率	Aging	±1, ±3ppm/year
储存温度	Storage temperature range	-55~+125℃

外观尺寸 DIMENSION(UNIT:mm)

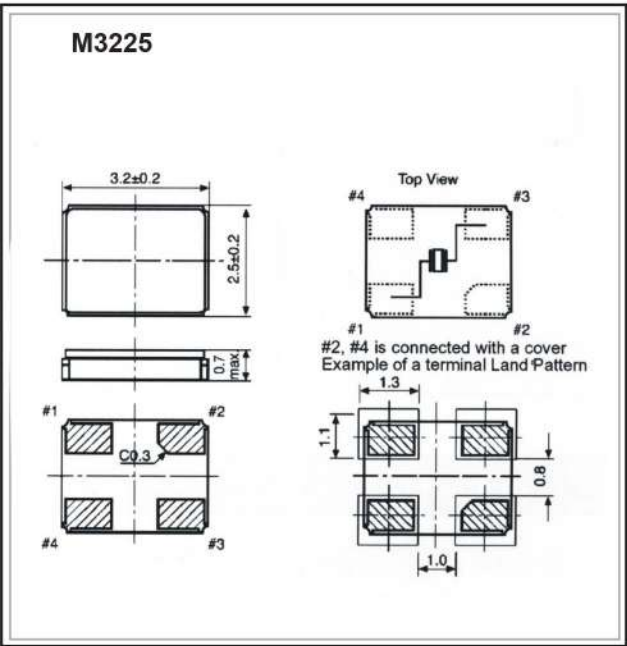


Table1: Frequency stability (ref. To 25℃)频率稳定性

O.P Temp.	±2.5ppm	±5ppm	±10ppm	±10ppm	±30ppm
0~+50℃	●	●	●	●	●
-10~+60℃		●	●	●	●
-20~+70℃			●	●	●
-40~+85℃				●	●

Table1: Equivalent series resistance (ESR) 等效电阻

频率 Frequency Mhz	ESR
6.0~9.9Fund.基频	
10.0~11.9Fund.基频	
12.0~14.9Fund.基频	
15.0~25.0Fund.基频	100/80
26.0~40.0Fund.基频	80/60
30~125 3rd.O.T.基频	