



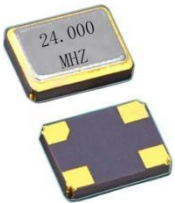
Applications

SmartWearable
IOT Communication.

Features

Dimensions:2.50x2.05x0.55mm
Standard Frequency: 8~64MHz

High precision and high frequency stability
Extremely good for reducing EMI effect.



Specifications (规格参数)

Item	Symbol	Specifications
Nominal Frequency Range(额定频率范围)	f _{nom}	12~54MHz,or specify
Vibration Mode(震动模式)	-	AT Fundamental
Load Capacitance(负载电容)	CL	8pF,10pF,20pF,or specify
Frequency Tolerance(频率偏差)(at 25℃)	f _{tol}	±10ppm,±20ppm,or specify
Frequency Versus Temperature Characteristics(频率-温度特性)	f _{tem}	±20ppm,or specify
Operating Temperature(工作温度)	T _{use}	-40~+85℃,or specify
Storage Temperature(储存温度)	T _{stg}	-55~125℃
Shunt Capacitance(静态电容)	CO	3pF Max
Level of Drive(激励电平)	DL	10~200μW Max(100μW typical)
Aging(老化)(at 25℃)	f _{age}	±3ppm/year Max

Equivalent Series Resistance(等效串联电阻(ESR))

E22X4P	
12~14MHz	150ΩMax
15~30MHz	60ΩMax
31~48MHz	40Ω Max
49~54MHz	30Ω Max

Dimensions and Recommended Land Pattern(外观尺寸及推荐焊盘)

