

CRYSTAL UNIT

E11X4P



Applications

- SmartWearable
- IOT Communication.

Features

- Dimensions: 1.60 x 1.20 x 0.35mm
- Standard Frequency: 16~54MHz

- 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	24 ~ 60MHz
Vibration Mode (震动模式)	-	AT Fundamental
Load Capacitance (负载电容)	CL	8pF, 9pF, 12pF, 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	-40~+85℃
Shunt Capacitance (静态电容)	C0	3pF Max
Level of Drive (激励电平)	DL	100μW Max
Aging (老化) (at 25℃)	f_age	±2ppm/year Max

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

E11X4P	
24 ~ 40MHz	150Ω Max
41 ~ 60MHz	100Ω Max

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

Dimensions (Unit: mm)	Recommended Land Pattern (Unit: mm)
	