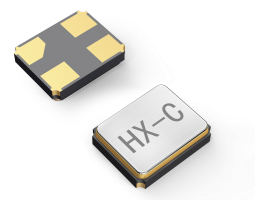


无源1X系列 SMD Crystal 2016



APPLICATIONS

- Bluetooth / Wireless LAN
- LTE / SAS

FEATURE

- Rugged AT-cut crystal construction
- Miniature 2.0×1.6mm ceramic package
- Anti-EMI design
- Tight Tolerance and Stability
- Reflow Soldering/Emboss Taping

Electrical Specifications 电气参数



项目	Item/Type	Electrical Specifications
频率范围	Frequency Range	16MHz to 96MHz
频率偏差	Frequency Tolerance(ΔF)(at 25°C)	$\pm 5\text{ppm}$ to $\pm 20\text{ppm}$
温度频差	Frequency Drift	$\pm 15\text{ppm}$ to $\pm 30\text{ppm}$
工作温度范围	Operating Temperature Range	-20°C ~ +70°C, -40°C ~ +85°C or -40°C ~ +125°C
储存温度范围	Storage Temperature Range	-55°C ~ +125°C
老化	Aging (25°C)	$\pm 2\text{ppm/year max.}$
静电容	Shunt Capacitance (C0)	3pF max.
激励功率	Drive Level	400 μW MAX
绝缘阻抗	Insulation Resistance (Rs)	500 Megaohms min. at D.C 100v
负载电容	Load Capacitance (CL)	6~34pF

Equivalent Series Resistance and Mode of Operation 等效阻抗和振荡模式

Frequency Range 频率范围	ESR(Ω) 等效阻抗	Mode 振荡模式
16~20MHz	150 Ω max.	Fundamental
20~40MHz	100 Ω max.	Fundamental
40~54MHz	80 Ω max.	Fundamental
54~96MHz	60 Ω max.	Fundamental

Mechanical Dimensions 外型尺寸 Units:mm

