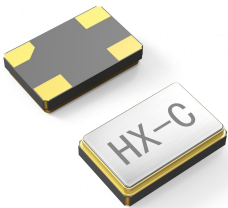


无源5X系列 SMD Crystal 5032



APPLICATIONS

- Bluetooth / Wireless LAN
- LTE / SAS

FEATURE

- Rugged AT-cut crystal construction
- Miniature 5.0×3.2mm 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	8MHz to 54MHz
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	$-20^{\circ}\text{C} \sim +70^{\circ}\text{C}$, $-40^{\circ}\text{C} \sim +85^{\circ}\text{C}$ or $-40^{\circ}\text{C} \sim +125^{\circ}\text{C}$
储存温度范围	Storage Temperature Range	$-55^{\circ}\text{C} \sim +125^{\circ}\text{C}$
老化	Aging (25°C)	$\pm 2\text{ppm/year max.}$
静电容	Shunt Capacitance (C0)	5pF max.
激励功率	Drive Level	400 μW MAX
绝缘阻抗	Insulation Resistance (Rs)	400 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
8~16MHz	150 Ω max.	Fundamental
16~40MHz	80 Ω max.	Fundamental
40~54MHz	60 Ω max.	Fundamental

Mechanical Dimensions 外型尺寸

Units:mm

5032-4p

