

## CRYSTAS 石英晶振

## SMD5032 系列

## FEATURES

- High precision characteristics covering up to wide frequency range;
- Higher frequency stability and reliability;
- Excellent for reducing EMI effect;
- The best choice of Bluetooth, wireless communication set, DSC, PDA, mobile phone and USB interface card;
- RoHS Compliant /Pb Free.

## 特 征

- 高精度特性，可覆盖宽频率范围；
- 更高的频率稳定性和可靠性；
- 具有良好的电磁干扰效果；
- 蓝牙、无线通讯设备、数码相机、掌上电脑、手机和 USB 接口卡的最佳选择；
- 符合 RoHS 标准/无铅。

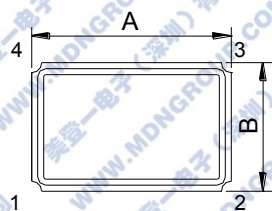
## CRYSTALS SPECIFICATIONS

ITEMS (项目)	PARAMETERS (规格说明)
Frequency Range	8~125MHz
Frequency Tolerance( at 25°C)	± 30ppm, or specify
Frequency Stability Over Operating Temperature Range	± 30ppm, or specify
Operating Temperature Range	-10~+70°C, or specify
Shunt Capacitance(C0)	5pF Max.(2pF typical)
Drive Level	~200 μ W (100 μ W typical)
Load Capacitance	10pF, 16pF, 20pF, or specify
Aging(at 25°C)	± 3ppm/year Max, or specify
Storage Temperature Range	-40~+85°C

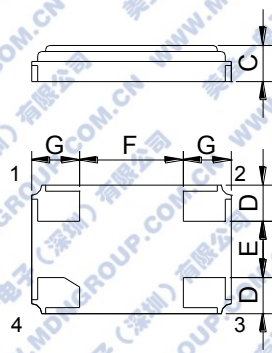
## Equivalent Series Resistance(ESR)

Fundamental	
8~11MHz	80 Ω Max
12~54MHz	40 Ω Max
40~60MHz	120 Ω Max
60~125MHz	80 Ω Max

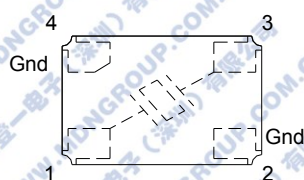
## DIMENSIONS(Unit:mm) AND SHAPES



A	5.0±0.15	E	1.4±0.15
B	3.2±0.15	F	2.6±0.15
C	0.9±0.15	G	1.2±0.15
D	0.9±0.15	H	



Top View Crystal Connection



Top View Suggested Layout

