

CRYSTAS 石英晶振

SMD2016 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.

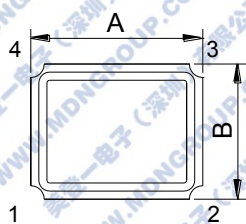
特 征

- 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	16~19.2MHz
Equivalent Series Resistance	200 Ω Max
Drive Level	10 μ W (100 μ W Max)
Frequency Tolerance(at 25℃)	± 10 ppm, ± 20 ppm, or specify
Frequency Stability Over Operating Temperature Range	± 10 ppm, ± 20 ppm, or specify
Operating Temperature Range	-10~+70℃, or specify
Shunt Capacitance(C0)	3pF Max.
Load Capacitance	8pF, 10pF, 12pF, or specify
Aging(at 25℃)	± 3 ppm/year Max, or specify
Storage Temperature Range	-40~+85℃

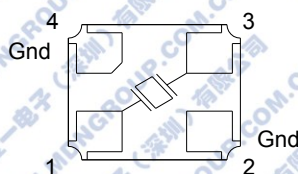
DIMENSIONS(Unit:mm) AND SHAPES



A	2.00 $\pm$ 0.10	E	0.55 $\pm$ 0.10
B	1.60 $\pm$ 0.10	F	0.70 $\pm$ 0.10
C	0.50 Max	G	0.65 $\pm$ 0.10
D	0.50 $\pm$ 0.10	H	



Top View Crystal Connection



Top View Suggested Layout

