

# Shanghai Jingying Electronic Co.,LTD. - MHz Quartz Crystal Resonator / CM-6035

上海晶英电子有限公司 - MHz 石英晶体谐振器 / CM-6035

SMD Crystal 6035

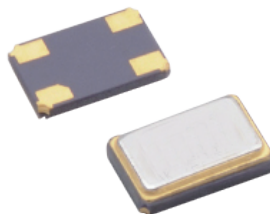
贴片型石英晶体 6035

## Frequency Range 频率范围

8MHz~80MHz

## Features 特点

- Low cost and high stability 低成本，高稳定性
- SMD designed 贴片设计
- Rohs compliant 环保产品和标准合规



## Standard Specification & Note

标准参数 & 注意事项

<b>Holder Type</b> 封装形式	MM	6035 (6.0 x 3.5 x 1.0)
<b>Frequency Range</b> 频率范围	MHz	8MHz~80MHz
<b>Frequency Tolerance</b> 调整频差 (at 25°C)	PPM	± 10, ± 30 or specify
<b>Frequency Stability Over Operation Temperature</b> 温度频差	PPM	± 10, ± 30 or specify
<b>Operation Temperature</b> 运行温度	°C	-20 ~ +70, -40 ~ +85
<b>Storage Temperature</b> 保存温度	°C	-55 ~ +125
<b>Load Capacitance</b> 负载电容	pF	8,10 or specify
<b>Equivalent Series Resistance</b> 谐振电阻	Ω	Please refer to ESR table below 请参考下图ESR表格
<b>Drive Level</b> 激励电平	μW	100 max (10 typ.)
<b>Shunt Capacitance</b> 静电容	pF	5 max
<b>Aging</b> 老化率 (at 25°C)	PPM/Year	±3

Frequency, Load capacitance (pF), Frequency tolerance (PPM), Operation Temperature (°C) can be selected and made in terms of your requirements. 频率、等效负载 (pF)、频率误差 (PPM)、耐高温的要求按照客户指定制作

Note:

1. Manufacturer reserves the right to change the specification and content of this product for improvement without notification.
2. Custom specification is welcome. Please contact our sales representative for further details.
3. If the crystal is intended for applications which have direct impact on human life and properties, and require a high degree of reliability and safety concerns, customers must provide full information such as but not limit to the application, electrical and reliability specification at the inquiry beginning stage.
4. There are unpredictable factors such as applied condition, oscillation margin and etc and customers must check them beforehand. In case of queries, please do not fail to send inquiry to our company before ordering.

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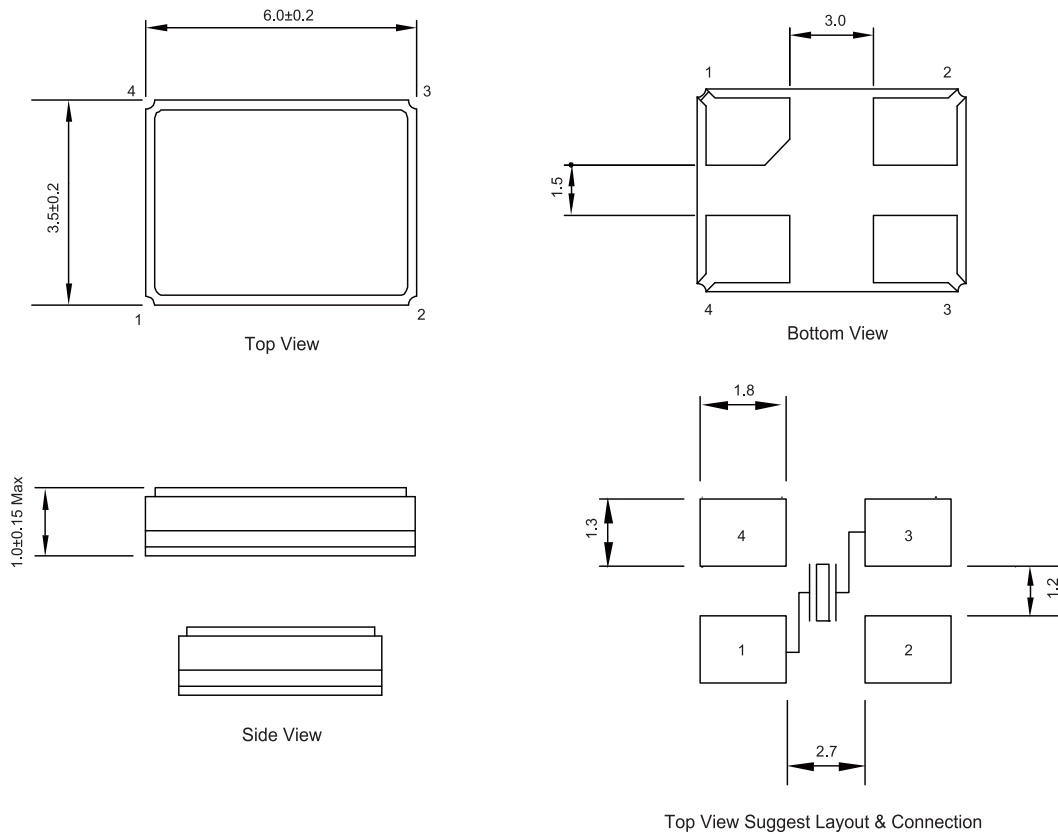
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## Dimensions (mm)

外形尺寸



## ESR table

ESR 表格

Fundamental	8.0MHz to 12.0MHz	80Ω max
	12.1MHz to 16.0MHz	60Ω max
	16.1MHz to 25.0MHz	50Ω max
	25.1MHz to 30.0MHz	35Ω max
	30.1MHz to 50.0MHz	25Ω max
3rd overtone	40.0MHz to 80.0MHz	100~80Ω max

