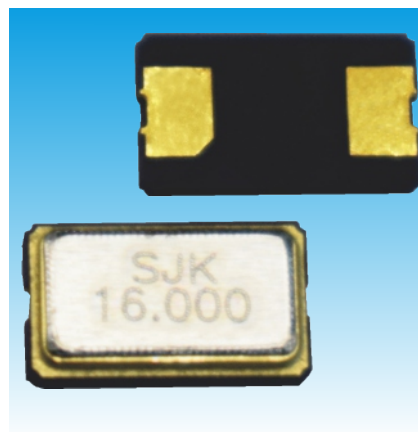


Features

- 6035 size miniature SMD crystal units with a low profile of 1.0mm
- 2 Pads
- Frequency range from 8MHz to 100MHz
- High precision and high reliability
- Automatic mounting and reflow soldering
- Application for telecommunications, DSC, Server, FA, Camera, Test equipments, etc.
- RoHS Compliant /Pb Free



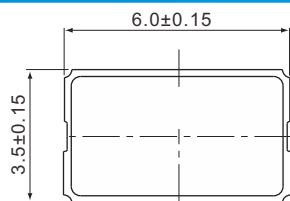
Standard Specification

Item /Type	6G (6G Series SMD Crystal Units)
Frequency Range	8~100 MHz
Frequency Tolerance (at 25°C)	±10ppm~±30ppm, or specify
Frequency stability Over Operating Temperature	±10ppm~±30ppm, or specify
Operating Temperature Range	-40~+85°C, or specify
Shunt Capacitance (C ₀)	5pF Max.
Drive Level	1~200μW (100μW Typ.)
Load Capacitance	10pF, 16pF, 20pF, or specify
Aging (at 25°C)	±3ppm /year Max.
Storage Temperature Range	-55~+125°C
Packing Unit	1000pcs./Reel
Pads	2 Pads

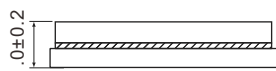
Equivalent Series Resistance

Fundamental		3rd Overtone	
8~10 MHz	150Ω Max.	40~100 MHz	70Ω Max.
10~12 MHz	80Ω Max.		
12~40 MHz	50Ω Max.		

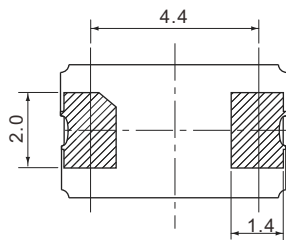
Dimensions [mm]



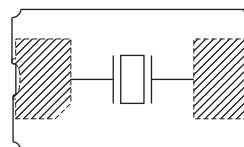
Top View



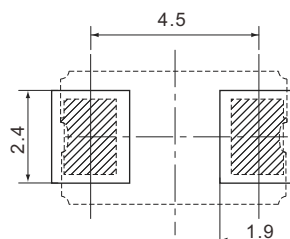
Side View



Bottom View



Top View Crystal Connection



Top View Suggested Layout