

**Features**

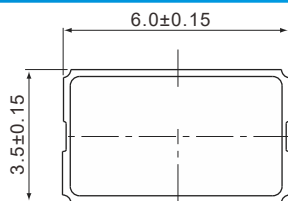
- 6035 size miniature SMD crystal units with a low profile of 1.0mm
- 2 Pads
- Frequency range from 8MHz to 100MHz
- High precision and high reliability
- Automatic mounting and reflow soldering
- Applications: *Telecommunications, DSC, Server, FA, Camera, Test Equipments, etc.*
- RoHS Compliant & Pb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


**Standard Specifications**

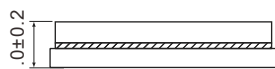
Type	6GA Series SMD Crystal
Frequency Range	8~100 MHz
Frequency Tolerance (at 25°C)	±10ppm, ±30ppm
Frequency Stability (over Operating Temp.)	±10ppm, ±30ppm
Operating Temperature Range	-40~+85°C, or specify
Shunt Capacitance (C <sub>0</sub> )	5pF Max.
Drive Level	1~200μW (100μW Typ.)
Load Capacitance	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**

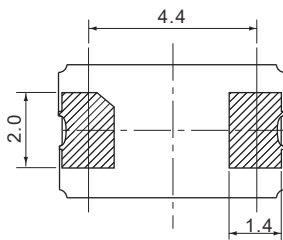
Fundamental		3rd Overtone	
8~10 MHz	150Ω Max.	40~100 MHz	70Ω Max.
10~12 MHz	80Ω Max.		
12~40 MHz	50Ω Max.		

**Dimensions [mm]**


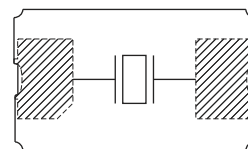
Top View



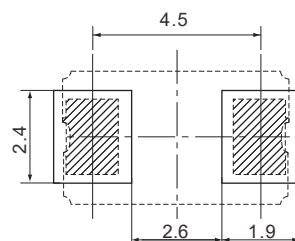
Side View



Bottom View



Top View Crystal Connection



Top View Suggested Layout