## 6G | 6.0 ×3.5 mm SMD

## **Features**

- 6035 size miniature SMD crystal units with a low profile of 1.0mm
- 4 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

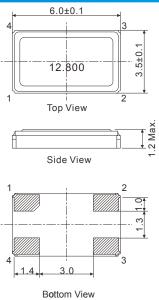


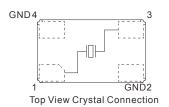


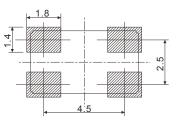
ndard Specifications	(> FREE Compliant	
Туре	6G Series SMD Crystal	
Frequency Range	8~100 MHz	
Frequency Tolerance (at 25°C)	±10ppm, ±20ppm	
Frequency Stability (over Operating Temp.)	±10ppm, ±20ppm	
Operating Temperature Range	-40~+85°C, or specify	
Shunt Capacitance (C <sub>0</sub> )	5pF Max.	
Drive 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	4 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 Suggested Layout