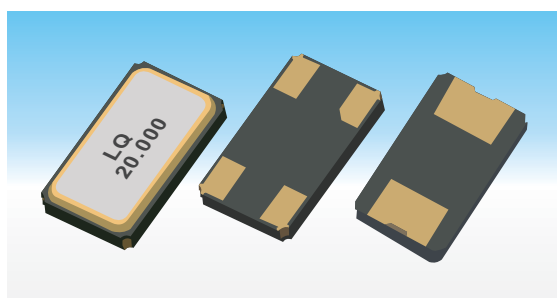


SMD Crystal Units

6G Series SMD Crystal Units

8 MHz~100 MHz

Size:6.0×3.5×1.0 mm



Actual size

Features

- 6035 size miniature SMD crystal units with low profile of 1.0mm, 2-Pads or 4-Pads Package
- Frequency range from 8MHz to 100MHz
- High frequency stability and reliability
- Excellent for reducing EMI effect.
- Application for PC, Mobile communications, DSC, PDA, Wireless communication set, Bluetooth, etc.
- RoHS Compliant / Pb Free

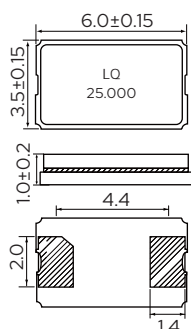


Standard Specifications

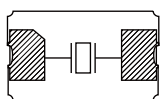
Item	Type	6G , 6B Series SMD 6035 Crystal Units			
		8~10MHz	10~12MHz	12~40MHz	40~100MHz
Frequency Range		8~10MHz	10~12MHz	12~40MHz	40~100MHz
Overtone Order		Fundamental			3rd Overtone
Load Capacitance		10pF, 16pF, 20pF, or specify			
Drive Level					
Frequency Tolerance		±20ppm, ±30ppm, or specify (at 25°C)			
Series Resistance		150Ω max.	80Ω max.	50Ω max.	70Ω max.
Frequency Characteristics Over Temperature		±10ppm, ±20ppm, ±30ppm, or specify			
Operating Temperature Range		-20~+70C, -40~+85°C, -55~+85°C, -40~+105°C, -55~+125°C or specify			
Storage Temperature Range		-55~+125°C			
Size (L×W×H) (mm)		6.0×3.5×1.0			
Packing Unit		1000pcs./reel			

[mm]

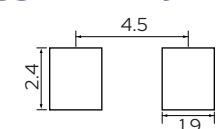
6GB: Dimensions



Connection

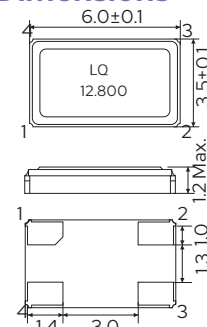


Suggested Layout

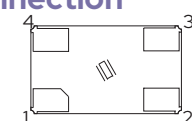


Top View Suggested Layout

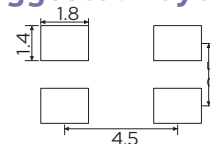
6G: Dimensions



Connection



Suggested Layout



Top View Suggested Layout