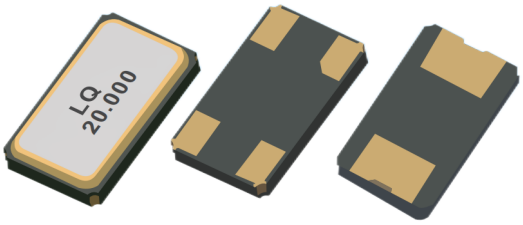
SMD Crystal Units

7I, 7A Series SMD Crystal Units | **8 MHz~125 MHz** | **Size: 5.0×3.2×0.9 mm**



Actual size

Features

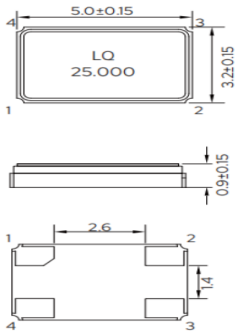
- 5032 size miniature SMD crystal units with low profile of 0.9mm
- Frequency range from 8MHz to 125MHz
- High frequency stability and reliability
- Excellent for reducing EMI effect.
- Application for PC, Mobile communications, DSC, PDA, Wireless communication set, Bluetooth, etc.
- RoHS Compliant / Pb Free

Standard Specifications

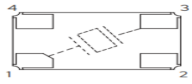
Item \ Type	7I, 7A Series SMD 5032 Crystal Units			
Frequency Range	8~12MHz	12~54MHz	40~60MHz	60~125MHz
Overtone Order	Fundamental		3rd Overtone	
Load Capacitance	10pF, 16pF, 20pF, or specify			
Drive Level	100μW Typical			
Frequency Tolerance	±20ppm, ±30ppm, or specify (at 25°C)			
Series Resistance	80Ω max.	40Ω max.	120Ω max.	80Ω max.
Frequency Characteristics Over Temperature	±10ppm, ±20ppm, ±30ppm, or specify			
Operaturing 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)	5.0×3.2×0.90			
Packing Unit	1000pcs./reel			

[mm]

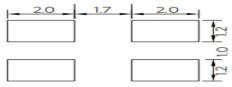
7I : Dimensions



Connection

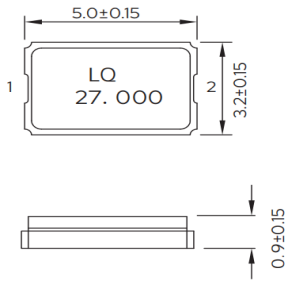


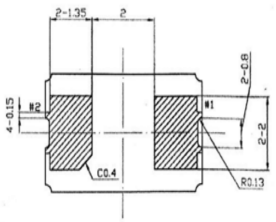
Suggested Layout

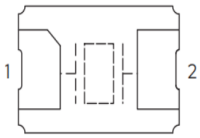
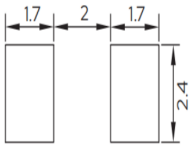


Top View Suggested Layout

7A : Dimensions





Connection

Suggested Layout