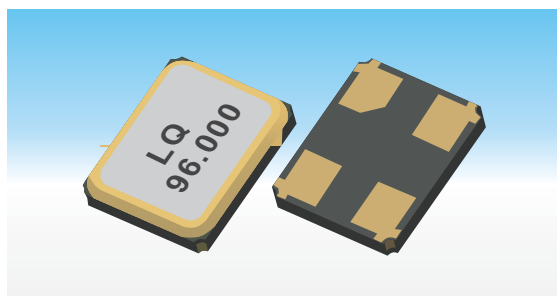


SMD Crystal Units

7F Series SMD Crystal Units

16 MHz~96 MHz

Size: 2.0×1.6×0.50 mm



Features

- Frequency range from 16MHz to 96MHz
- High precision and high frequency stability
- High reliable environmental performance
- Application for smart phone, sip modules, wearable devices, Wireless modules, mobile communications, etc.
- RoHS Compliant / Pb Free

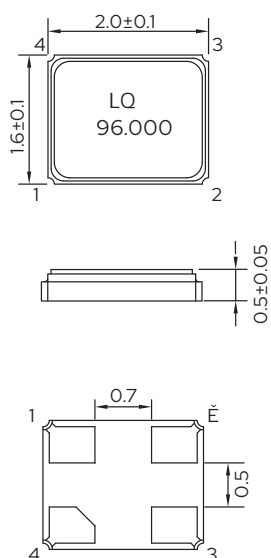


Standard Specifications

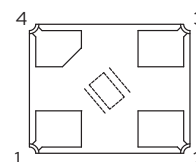
| Item | Type | 7F Series SMD 2016 Crystal Units | | | |
|--------------------------------------------|------|-------------------------------------------------------------------|------------|----------|-----------------------|
| | | 16~19.2MHz | 19.2~30MHz | 30~60MHz | 76.8MHz /80MHz /96MHz |
| Frequency Range | | 16~19.2MHz | 19.2~30MHz | 30~60MHz | 76.8MHz /80MHz /96MHz |
| Overtone Order | | Fundamental | | | |
| Load Capacitance | | 8pF, 10pF, 12pF, or specify | | | |
| Drive Level | | 100μW Typical | | | |
| Frequency Tolerance | | ±10ppm, ±20ppm, or specify (at 25°C) | | | |
| Series Resistance | | 200Ω max. | 100Ω max. | 80Ω max. | 30Ω 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) | | 2.0×1.6×0.5 | | | |
| Packing Unit | | 3000pcs./reel | | | |

[mm]

Dimensions



Connection



Suggested Layout

