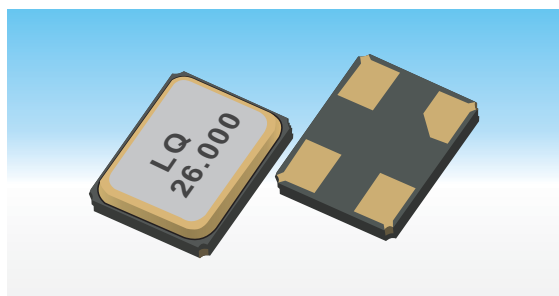


SMD Crystal Units

7E Series SMD Crystal Units

12 MHz~66 MHz

Size: 2.5×2.0×0.55 mm



Actual size

Features

- 2520 size miniature and lightweight SMD crystal units with low profile of 0.55mm
- Frequency range from 12MHz to 66MHz
- High precision and high frequency stability
- High reliable environmental performance
- Application for PC, IoT, Wearable devices, Automotive, Wireless modules, Mobile communications, etc.
- RoHS Compliant / Pb Free



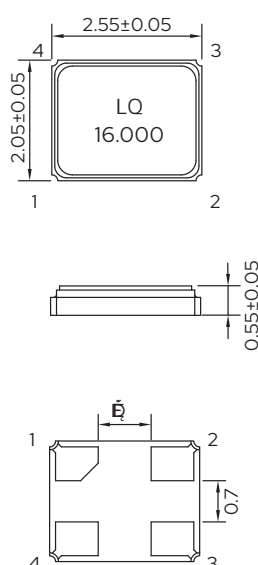
Standard Specifications

Item	Type	7E Series SMD 2520 Crystal Units		
Frequency Range		12~13MHz	14~30MHz	30~66MHz
Overtone Order		Fundamental		
Load Capacitance		8pF, 10pF, 12pF, or specify		
Drive Level		100μW Typical		
Frequency Tolerance		±10ppm, ±20ppm, ±30ppm, or specify (at 25°C)		
Series Resistance		150Ω max.	100Ω max.	60Ω 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)		2.5×2.0×0.55		
Packing Unit		3000pcs./reel		

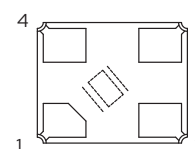
Standard Specifications

[mm]

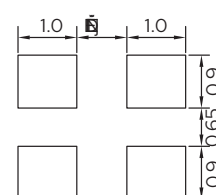
Dimensions



Connection



Suggested Layout



Top View Suggested Layout