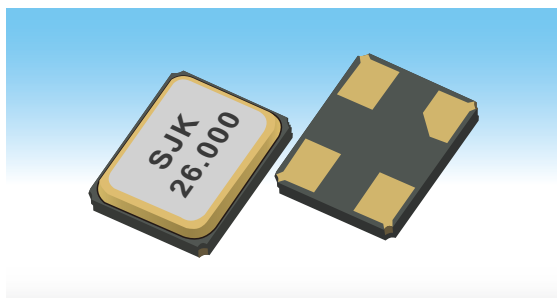


SMD Crystal Units

7E Series SMD 2520 Crystal Unit

12MHz~96MHz

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 96MHz
- 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

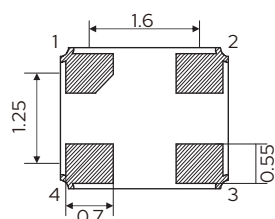
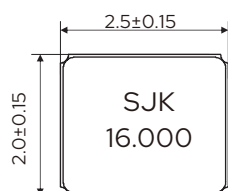


Standard Specifications

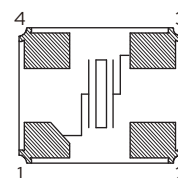
Item	Type	7E Series SMD 2520 Crystal Units				
Frequency Range		12~16MHz	16~20MHz	20~30MHz	30~60MHz	60~96MHz
Overtone Order		Fundamental				
Load Capacitance		8pF, 10pF, 12pF, or specify				
Drive Level		100μW Typical				
Frequency Tolerance		±10ppm, ±20ppm, ±30ppm, or specify (at 25°C)				
Series Resistance		100Ω max.	80Ω max.	60Ω max.	50Ω max.	30Ω max.
Frequency Characteristics Over Temperature		±10ppm, ±20ppm, ±30ppm, or specify				
Operating Temperature Range		-20~+70°C, -40~+85°C, or specify				
Storage Temperature Range		-55~+125°C				
Size (L×W×H) (mm)		2.5×2.0×0.55				
Packing Unit		3000pcs./reel				

Dimensions

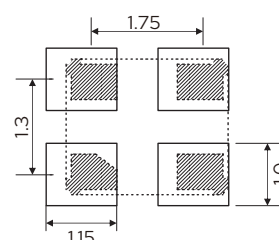
[mm]



Connection



Suggested Layout



Top View Suggested Layout