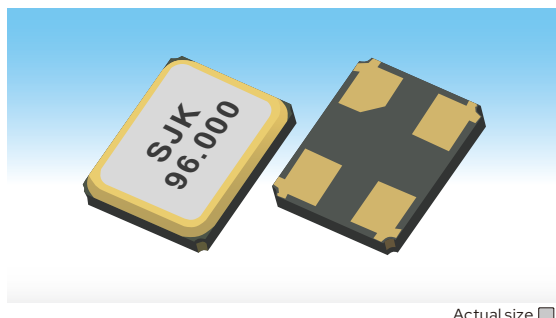


SMD Crystal Units

7F Series SMD 2016 Crystal Unit

16MHz~96MHz

Size: 2.0×1.6×0.50 mm



Features

- 2016 size ultra miniature and lightweight SMD crystal units with low profile of 0.5mm
- 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

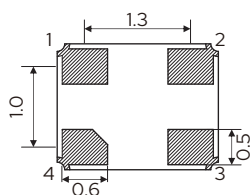
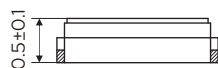
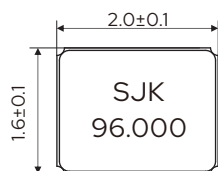


Standard Specifications

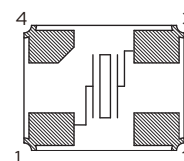
Item	Type	7F Series SMD 2016 Crystal Units			
Frequency Range		16~19.2MHz	19.2~30MHz	30~60MHz	76.8MHz /80MHz /96MHz
Overtone Order		Fundamental			
Load Capacitance		8pF, 10pF, 12pF, or specify			
Drive Level		100μW Typical			
Frequency Tolerance		±10ppm, ±20ppm, or specify (at 25°C)			
Series Resistance		200Ω max.	100Ω max.	80Ω max.	30Ω max.
Frequency Characteristics over Temperature		±10ppm, ±20ppm, ±30ppm, or specify			
Operating Temperature Range		-20~+70°C, -40~+85°C, or specify			
Storage Temperature Range		-55~+125°C			
Size (L×W×H) (mm)		2.0×1.6×0.5			
Packing Unit		3000pcs./reel			

Dimensions

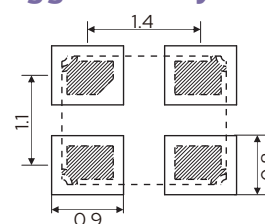
[mm]



Connection



Suggested Layout



Top View Suggested Layout