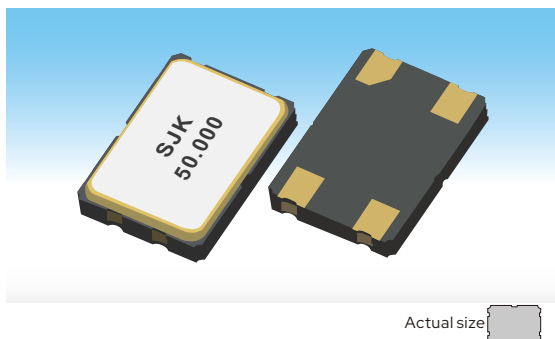


SMD Crystal Units

6F Series SMD Crystal Unit

6MHz~160MHz

Size: 7.0×5.0×1.2mm



Features

- 7050 size miniature SMD crystal units with low profile of 1.2mm
- Frequency range from 6MHz to 160MHz
- High frequency stability and reliability
- Automatic mounting and reflow soldering
- Application for PC, Mobile communications, DSC, Wire-less communication, Telecommunications, Bluetooth, etc.
- RoHS Compliant / Pb Free

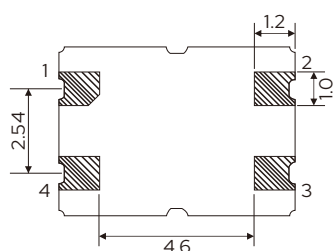
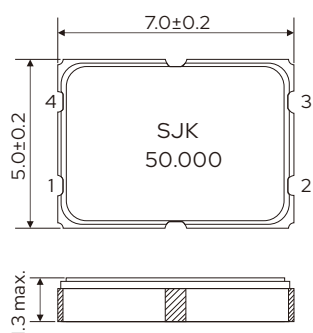


Standard Specifications

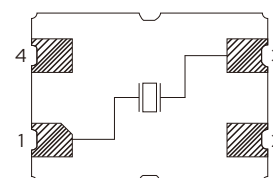
Item	Type	6F Series SMD 7050 Crystal Units					
Frequency Range		6~10MHz	10~12MHz	12~30MHz	30~80MHz	80~100MHz	100~160MHz
Overtone Order		Fundamental			3rd Overtone		
Load Capacitance		16pF, 18pF, 20pF, or specify					
Drive Level		100μW Typical					
Frequency Tolerance		±20ppm, ±30ppm, or specify (at 25°C)					
Series Resistance		100Ω max.	60Ω max.	50Ω max.	80Ω max.	90Ω max.	100Ω 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)		7.0×5.0×1.20					
Packing Unit		1000pcs./reel					

Dimensions

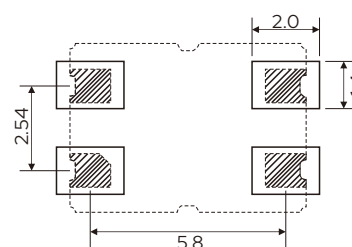
[mm]



Connection



Suggested Layout



Top View Suggested Layout