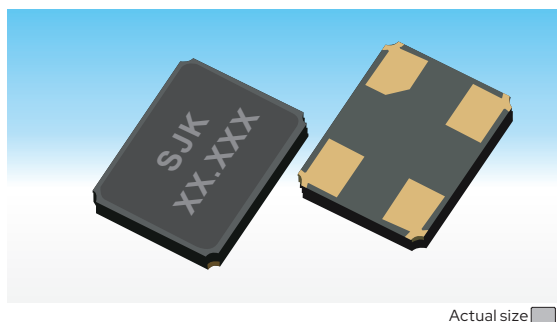


SMD Crystal Units

7V Series SMD3225 Glass Sealing Crystal
8MHz~54MHz
Size: 3.2×2.5×0.80 mm


Features

- SMD3225 size miniature and lightweight SMD glass sealing crystal with low profile of 0.8mm
- Frequency range from 8MHz to 54MHz
- Excellent heat resistance and environmental characteristics
- High precision and high frequency stability
- Application for wireless communications, DSC, PC, USB-interface, Automotive, Energy, etc.
- RoHS Compliant

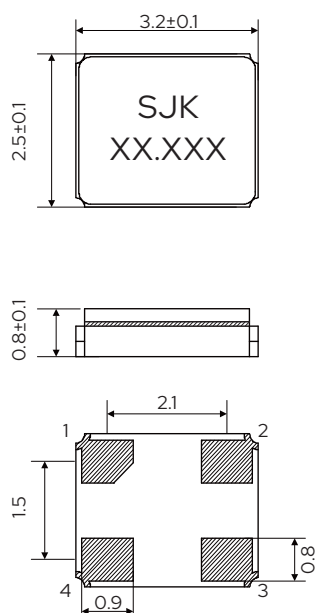


Standard Specifications

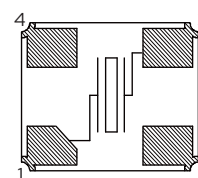
Item	Type	7V Series SMD3225 Glass Sealing Crystal			
Frequency Range		8~10MHz	10~16MHz	16~40MHz	40~54MHz
Overtone Order		Fundamental			
Load Capacitance		8pF, 10pF, 12pF, or specify			
Drive Level		100μW Typical			
Frequency Tolerance		±10ppm, ±20ppm, or specify (at 25°C)			
Series Resistance		300Ω max.	150Ω max.	50Ω max.	40Ω 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)		3.2×2.5×0.8			
Packing Unit		3000pcs./reel			

Dimensions

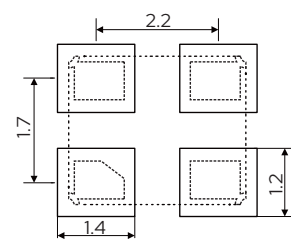
[mm]



Connection



Suggested Layout



Top View Suggested Layout