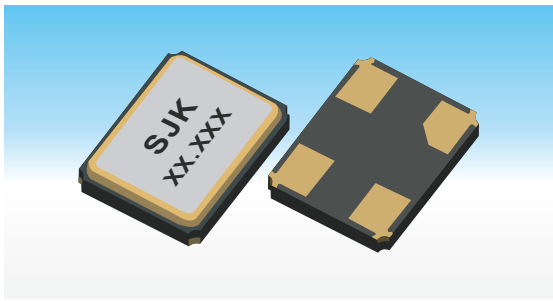


SMD Crystal Unit For Automotive

A7U Series SMD3225 Crystal Unit For Automotive 12MHz~48MHz Size: 3.2×2.5×0.80 mm



Actual size

Features

- SMD3225 size ultra miniature and lightweight SMD crystal with low profile of 0.8mm
- Frequency range from 12MHz to 48MHz
- AEC-Q200 qualified
- Superior performance and stringent reliability in harsh environment
- Application for TPMS, Lidar, ADAS, BMS, RKE, Camera, Radar, Power steering, Charge, IVI, Car audio, etc.
- RoHS Compliant / Pb Free



Standard Specifications

Item	Type	7U Series SMD3225 Crystal Units		
		12MHz~16MHz	16MHz~32MHz	32MHz~48MHz
Frequency Range		12MHz~16MHz	16MHz~32MHz	32MHz~48MHz
Overtone Order		Fundamental		
Load Capacitance		8pF, 10pF, 12pF, or specify		
Drive Level		10μW, 100μW, 200μW or specify		
Frequency Tolerance		±10ppm, ±15, ±20ppm, ±30ppm, ±50ppm, or specify (at 25°C)		
Series Resistance		80Ω max.	50Ω max.	30Ω max.
Storage Temperature Range		-55~+125°C		
Size (L×W×H) (mm)		3.2×2.5×0.8		
Packing Unit		3000pcs./reel		

Frequency Stability Vs Operating Temperature Range

Frequency Stability	±30ppm	±50ppm	±100ppm
Temperature			
-40~+105°C	●	●	●
-40~+125°C	○ Contact Us	●	●

Dimensions

[mm]

Connection

Suggested Layout

Top View Suggested Layout