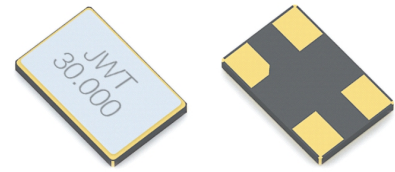




# 3.2x2.5mm SMD Crystal CF Series



## Product Features

- 1. High precision, Stability, Consistency
- 2. Ultra miniaturization
- 3. ROHS/REACH Compliant
- 4. Wide operating temperature

## Applications

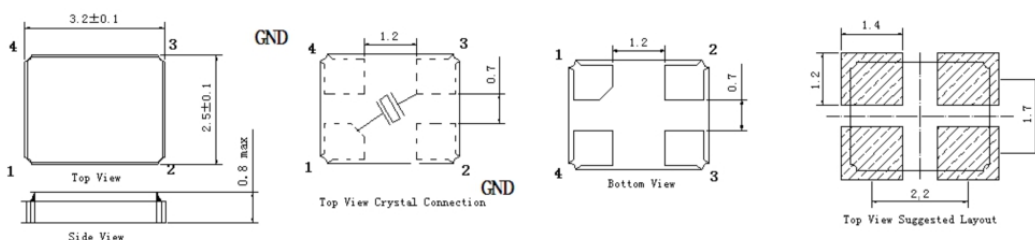
- 1. Network communication
- 2. Traditional household appliances
- 3. Security monitoring
- 4. Industrial control
- 5. Smart Home
- 6. PC Digital

## Specifications

Model	CF3225		
Nominal frequency range	8.000~54.000MHz		
Oscillation mode	Fundamental (AT-cut)		
Frequency tolerance at 25°C±3°C	±10ppm		
Operating temperature range	-20°C~70°C	-40°C~85°C	-40°C~125°C
Frequency stability over temperature(Ref.to 25°C)	±10ppm	±20ppm	±30ppm
Storage temperature range	-55°C~125°C		
Equivalent series resistance	250~120Ω	8.000~9.839MHz	
	120~70Ω	9.840~11.999MHz	
	70~50Ω	12.000~15.999MHz	
	50~40Ω	16.000~18.999MHz	
	40~20Ω	19.000~54.000MHz	
Load capacitance	Customized		
Shunt capacitance max	5.0pF		
Drive level max	500uW		
Aging at first year	±3.0ppm		

Notes: The above parameters are for normal demands, If you have any different demands, Please contact us.

## Dimensions (Unit: mm)



Pin	Function
#1	Xtal
#2	GND
#3	Xtal
#4	GND