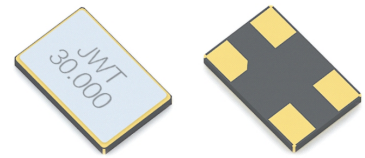




2.5x2.0mm SMD Crystal

CMC Series



Product Features

1. High temperature resistance, High precision, Impact resistance
2. ROHS/REACH Compliant
3. Conforms to AEC-Q200

Applications

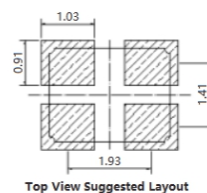
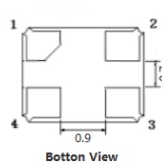
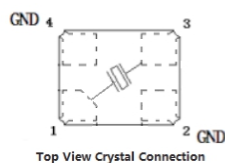
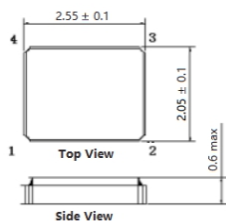
1. Automotive instrumentation
2. Millimeter wave radar

Specifications

Model	CMC2520		
Nominal frequency range	12.000~54.000MHz		
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	250~100Ω	12.000~15.999MHz	
	100~80Ω	16.000~18.999MHz	
	80~60Ω	19.000~29.999MHz	
	60~30Ω	30.000~54.000MHz	
Load capacitance	Customized		
Shunt capacitance max	3.0pF		
Drive level max	300uW		
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