



# CERAMIC RESIN SEALED SMD CRYSTAL MODEL: FC



## FEATURES

- Low Cost
- Resin Sealed
- Tape and Reel (1,000 pcs. STD)

## OPTIONS

- Tolerances to < 20 PPM
- Stabilities to < 15 PPM
- Temperatures to -40°C ~ +85°C



### • PART NUMBER [Learn More](#) - Internet Required

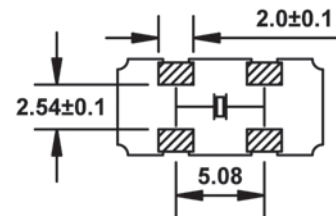
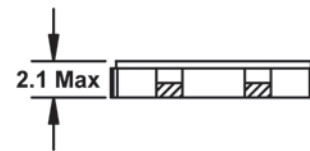
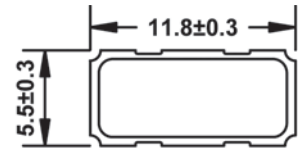
Part Number	Model Number	Frequency Range (MHz)
217-Frequency-xxxxx	FC	3.200 ~ 7.200

### • STANDARD SPECIFICATIONS

PARAMETERS	MAX (unless otherwise noted)
Frequency Range	3.200 ~ 7.200 MHz
Frequency Tolerance @ 25°C	±50 PPM
Frequency Stability, ref @ 25°C Over Operating Temp Range	±50 PPM
Temperature Range	
Operating (TOPR)	-10°C ~ +60°C
Storage (TSTG)	-40°C ~ +85°C
Shunt Capacitance (Co)	7.0 pF
Load Capacitance (CL)	10 pF ~ Series (Customer Specified)
Drive Level	0.1 mW
Aging per year	±5 PPM

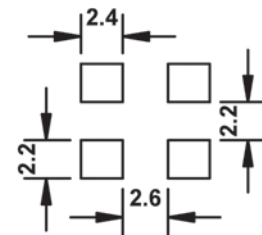
All specifications subject to change without notice. Rev. 6/1/04

Learn more about:  
[Part Marking Identification](#)  
[Tape and Reel Specification](#)  
Internet required



Frequency Range (MHz)	Operating Mode	Max ESR Ω
3.200 ~ 3.499	Fundamental	200
3.499+ ~ 3.999	Fundamental	140
3.999+ ~ 4.399	Fundamental	120
4.399+ ~ 4.899	Fundamental	100
4.899+ ~ 5.999	Fundamental	80
5.999+ ~ 6.999	Fundamental	60
6.999+ ~ 7.200	Fundamental	50

### Recommended Solder Pad Layout



All dimensions are in millimeters.