



CERAMIC SEAM SEALED SMD CRYSTAL MODEL: FD



FEATURES

- High Frequency Range
- Fundamental to 50 MHz (BT Cut)
- Seam Sealed
- Tape and Reel (3,000 pcs. STD)

OPTIONS

- Tolerances to < 5 PPM
- Stabilities to < 3 PPM
- Temperatures to -40°C ~ +85°C



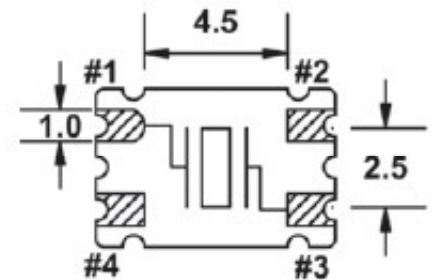
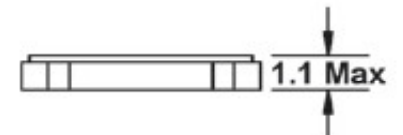
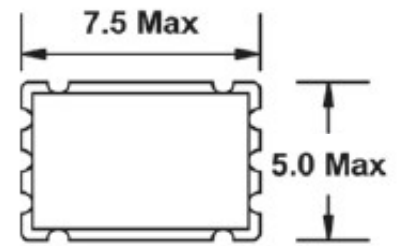
• PART NUMBER Learn More - Internet Required		
Part Number	Model Number	Frequency Range (MHz)
218-Frequency-xxxxx	FD	9.8304 ~ 160.000

• STANDARD SPECIFICATIONS ¹	
PARAMETERS	MAX (unless otherwise noted)
Frequency Range	9.8304 ~ 160.000 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	0.5 mW
Aging per year	±5 PPM

¹ Other tolerances, stabilities & operating temperature ranges available. Consult Fox Customer Service for specific requirements.

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

Frequency Range (MHz)	Operating Mode	Max ESR Ω
9.8304 ~ 16.000	Fundamental	60
16.000+ ~ 50.000	Fundamental	40
28.000 ~ 150.000	3rd OT	60
84.000 ~ 160.000	5th OT	80



Recommended Solder Pad Layout

