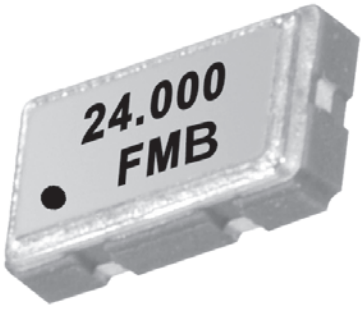
CERAMIC SEAM SEALED SMD CRYSTAL
MODEL: FMB

FEATURES
- Fundamental to 40 MHz
- Seam Sealed
- Tape and Reel (2,000 pcs. STD)

OPTIONS
- Tolerances to < 5 PPM
- Stabilities to < 3 PPM
- Temperatures to -40ºC ~ +85ºC



Quote it!

• PART NUMBER SELECTION
Learn More - Internet Required

Part Number	Model Number	Frequency Range (MHz)
411-Frequency-xxxxx	FMB	9.000 ~ 90.064583

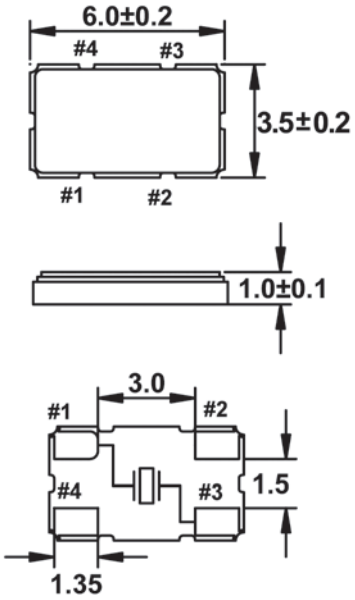
• STANDARD SPECIFICATIONS[1]

PARAMETERS	MAX (unless otherwise noted)
Frequency Range	9.000 ~ 90.064583 MHz
Frequency Stability Over Operating Temp Range	±100 PPM [2]
Temperature Range	
Operating (TOPR)	-10ºC ~ +60ºC
Storage (TSTG)	-40ºC ~ +85ºC
Shunt Capacitance (Co)	7.0 pF
Load Capacitance (CL)	10 pF ~ Series (Customer Specified)
Drive Level	0.1 mW
Aging per year	±5 PPM

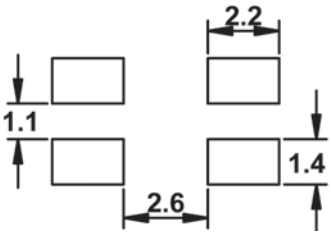
[1] Other tolerances, stabilities & operating temperature ranges available. Consult Fox Customer Service for specific requirements.
[2] Inclusive of tolerance at 25ºC.
All specifications subject to change without notice. *Rev. 5/1/04*

Frequency Range (MHz)	Operating Mode	Max ESR Ω
9.000 ~ 12.000	Fundamental	80
12.000+ ~ 16.000	Fundamental	60
16.000+ ~ 40.000	Fundamental	40
40.000+ ~ 90.065483	3rd OT	70

Learn more about:
Part Marking Identification
Tape and Reel Specification
Internet required



Recommended Solder Pad Layout



All dimensions are in millimeters.

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