CERAMIC SMD CRYSTAL
Model: FX252B SERIES

RoHS Compliant

FEATURES
- Ultra Low Profile
- Fundamental

OPTIONS
- Tolerances to ± 10 PPM
- Stabilities to ± 10 PPM
- Temp Range to -40ºC ~ +85ºC



Quote it!

• PART NUMBER
Learn More - Internet Required

Part Number	Model Number	Frequency Range (MHz)
637-Frequency-xxxxx	FX252B	16.000 ~ 54.000

• STANDARD SPECIFICATIONS[1]

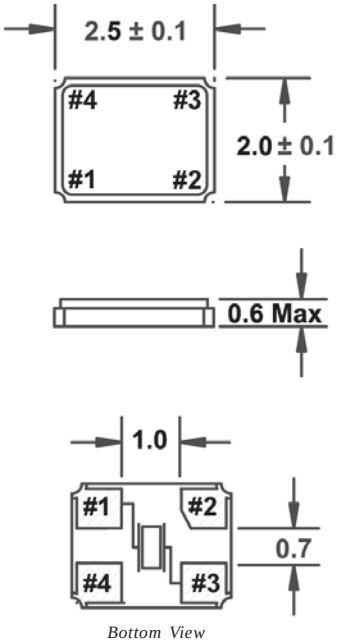
PARAMETERS	MAX (unless otherwise noted)
Frequency Range	16.000 ~ 54.000 MHz
Frequency Tolerance @ 25ºC	±50 PPM[1]
Frequency Stability, ref @ 25ºC Over Operating Temp Range	±50 PPM[1]
Temperature Range Operating (TOPR) Storage (TSTG)	 -10ºC ~ +60ºC[1] -40ºC ~ +85ºC
Shunt Capacitance (Co)	5 pF
Load Capacitance (CL)	10 pF~Series (Customer Specified)
Drive Level	100 µW
Aging per year	±5 PPM
Reflow Soldering Temperature	260ºC x 10 Seconds (2 Cycles)
Moisture Sensitivity Level (MSL)	1
Termination Finish	Au

[1] Tolerances and stabilities to ±10 PPM, operating temps to -40ºC ~ 85ºC available.
All specifications subject to change without notice. *Rev. 6/2/05*

Developed Frequencies	
16.000	19.200
19.680	19.800
24.000	26.000
32.000	48.000
54.000	

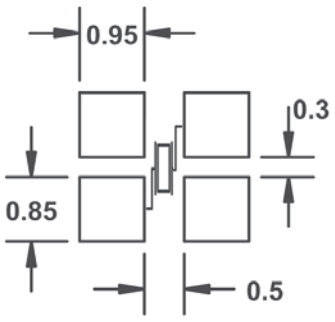
Frequency Range (MHz)	Operating Mode	Max ESR Ω
16.000 ~ 26.000	Fundamental	200
26.000+ ~ 35.000	Fundamental	100
35.000+ ~ 54.000	Fundamental	50

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



Bottom View

Recommended Solder Pad Layout



All dimensions are in millimeters.

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