



Chipsmall Limited consists of a professional team with an average of over 10 year of expertise in the distribution of electronic components. Based in Hongkong, we have already established firm and mutual-benefit business relationships with customers from,Europe,America and south Asia,supplying obsolete and hard-to-find components to meet their specific needs.

With the principle of "Quality Parts,Customers Priority,Honest Operation,and Considerate Service",our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip,ALPS,ROHM,Xilinx,Pulse,ON,Everlight and Freescale. Main products comprise IC,Modules,Potentiometer,IC Socket,Relay,Connector.Our parts cover such applications as commercial,industrial, and automotives areas.

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!



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Ceramic SMD Crystal



Model: FX252B Series RoHS Compliant / Pb Free

Rev. 10/20/2008

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FEATURES

- Ultra Low Profile
- Fundamental

“Now available as FX252BS. See PCN310 for details.”

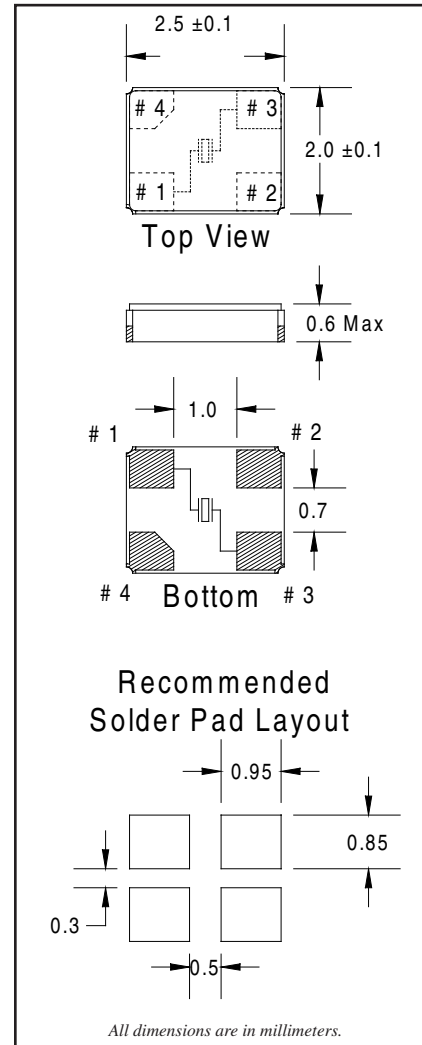
Part Number	Model Number	Frequency Range (MHz)
637S-Frequency-xxxxx	FX252B	16.000 ~ 54.000

• STANDARD SPECIFICATIONS ¹	
PARAMETERS	MAX (unless otherwise noted)
Frequency Range	16.000 ~ 54.000 MHz
Frequency Tolerance @ 25°C	±50 PPM ¹
Frequency Stability, ref @ 25°C Over Operating Temp Range	±50 PPM ¹
Temperature Range	
Operating (TOPR)	-10°C ~ +60°C ¹
Storage (TSTG)	-40°C ~ +85°C
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	260°C x 10 Seconds (2 Cycles)
Moisture Sensitivity Level (MSL)	1
Termination Finish	Au/Sn

¹ Tolerances and stabilities to ±10 PPM, operating temps to -40°C ~ 85°C available.
 Note: Dimensional drawing is for reference to critical specifications defined by size measurements. Certain non-critical visual attributes, such as side castellations, etc. may vary.
 The above specifications, having been carefully prepared and checked, is believed to be accurate at the time of publication; however, no responsibility is assumed by Fox Electronics for inaccuracies.
 All specifications subject to change without notice.

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



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• TAPE SPECIFICATIONS (millimeters)							
MODEL	A	B	C	D	E	F	STD Reel QTY
FX252B	∅1.5	4.0	4.0	3.5	8.0	0.65	3,000

• REEL SPECIFICATIONS (millimeters)							
MODEL	G	H	H	J	K	L	M
FX252B	2.0	∅13	∅21	∅60	∅180	9.0	2.0

