



All Quartz SMD Crystal

Model: FQ3225B Series

RoHS Compliant / Pb Free

Rev. 11/9/2007

Page 1 of 2

http://www.foxonline.com/need_a_sample.htm

Need a
Sample®

FEATURES

- Surface Mount All Quartz
- Low Cost
- Ultra Low Profile
- Fundamental
- Tape and Reel (1,000 pcs STD)

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

Part Number	Model Number	Frequency Range (MHz)
820-Frequency-xxxxx	FQ3225B	16.000 ~ 50.000

• STANDARD SPECIFICATIONS¹

PARAMETERS	MAX (unless otherwise noted)
Frequency Range (Fo)	16.000 ~ 50.000 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 ~ +70°C ¹
Storage (TSTG)	-55°C ~ +125°C
Shunt Capacitance (Co)	7 pF
Load Capacitance (CL)	7 pF ~ Series (Customer Specified)
Drive Level	0.1 mW
Aging per year	±5 PPM
Maximum Soldering Temp / Temp	260°C / 10 Seconds
Moisture Sensitivity Level (MSL)	1
Termination Finish	Au

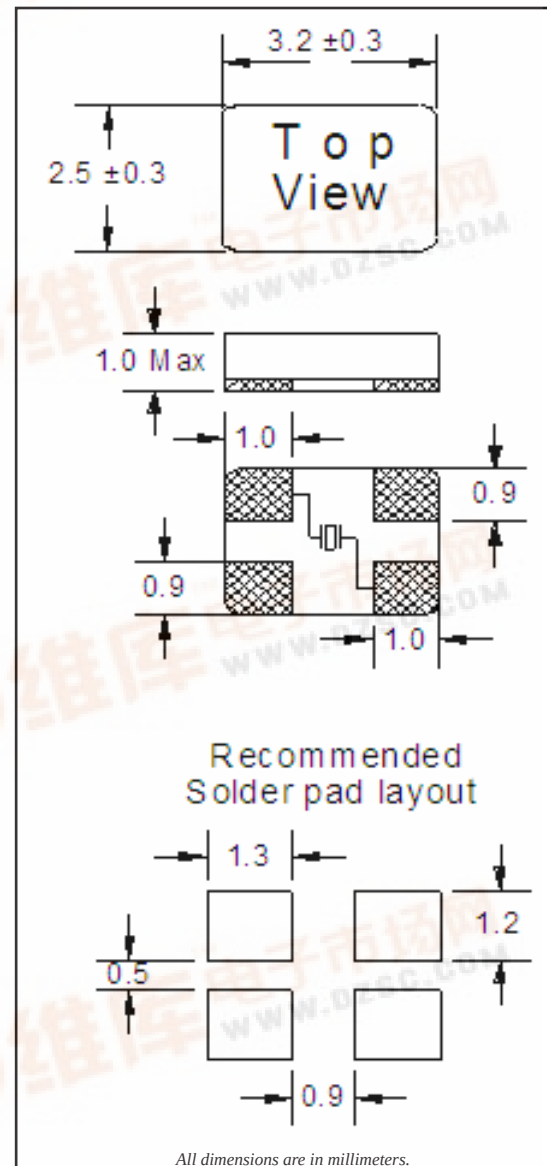
¹ Other tolerances, stabilities & operating temperature ranges available. Consult Fox Customer Service for specific requirements.

NOTE: 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.

If you have any questions, please call Customer Support at 1-888-GET-2-FOX.

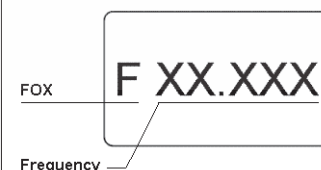
All specifications subject to change without notice.

Frequency Range (MHz)	Operating Mode	Max ESR Ω
16.000 ~ 20.000	Fundamental	100
20.000+ ~ 25.000	Fundamental	80
25.000+ ~ 30.000	Fundamental	60
30.000+ ~ 50.000	Fundamental	50



FQ Series Marking Identification

MODELS: FQ3225B



All Quartz SMD Crystal



Model: FQ3225B Series

RoHS Compliant / Pb Free

Rev. 11/9/2007

Page 2 of 2

http://www.foxonline.com/need_a_sample.htm



• TAPE SPECIFICATIONS (millimeters)							
MODEL	A	B	C	D	E	F	STD Reel QTY
FQ3225B	Ø1.5	4.0	8.0	5.5	12.0	1.0	1,000

• REEL SPECIFICATIONS (millimeters)							
MODEL	G	H	I	J	K	L	M
FQ3225B	2.0	Ø13	Ø21	Ø62.5	Ø178	16.4	2.0

