

Ceramic SMD Crystal



Model: FX216B Series

RoHS Compliant / Pb Free

Rev. 9/28/2015

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Need a
Sample®

FEATURES

- Ultra Low Profile
- Fundamental
- Tape and Reel (3,000 pcs. STD)

OPTIONS

- Tolerances $< \pm 10$ PPM
- Stabilities $< \pm 10$ PPM
- Temp Range to $-30^{\circ}\text{C} \sim +80^{\circ}\text{C}$

• PART NUMBER

Part Number	Model Number	Frequency Range (MHz)
617-Frequency-xxxxx	FX216B	16.000 ~ 64.000

• STANDARD SPECIFICATIONS¹

PARAMETERS		
Frequency Range		16.000 ~ 64.000 MHz
Frequency Tolerance @ 25°C		± 50 PPM ¹
Frequency Stability, ref @ 25°C Over Operating Temp Range		± 50 PPM ¹
Temperature Range		
Operating (TOPR)		$-10^{\circ}\text{C} \sim +60^{\circ}\text{C}$ ¹
Storage (TOPR)		$-40^{\circ}\text{C} \sim +85^{\circ}\text{C}$
Shunt Capacitance (Co)		7.0 pF
Load Capacitance (CL)		10 pF~Series (Customer Specified)
Drive Level		50 μW
Aging per year		± 5 PPM
Termination Finish		Ni/Au

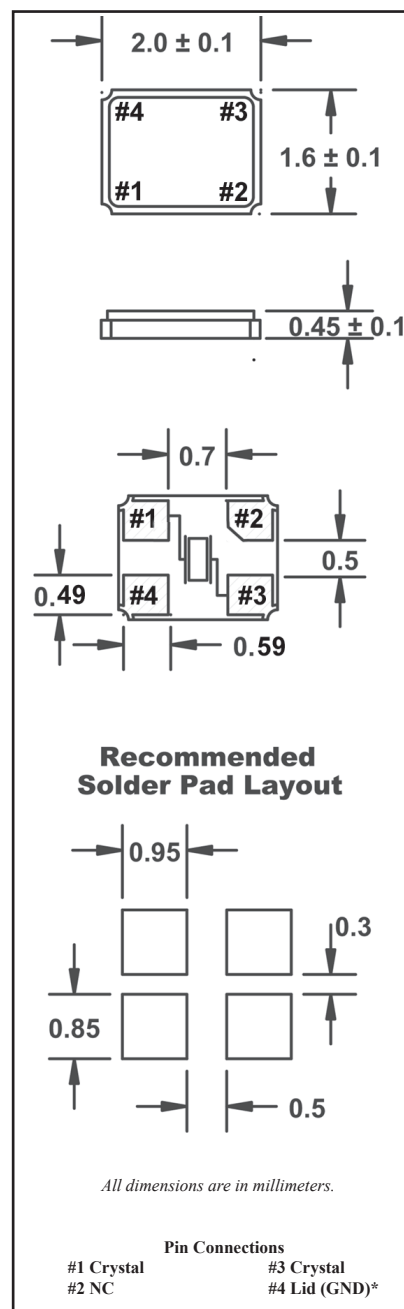
¹ Tolerances and stabilities to ± 10 PPM, operating temps to $-30^{\circ}\text{C} \sim 80^{\circ}\text{C}$ available.

* For proper operation, pad 2or 4 must be connected to GND.

Note: Dimensional drawing is for reference to critical specifications defined by size measurements. Certain non-critical visual attributes, such as side castellations, reference pin shape, reference pin location, 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.

Frequency Range (MHz)	Operating Mode	Max ESR Ω
16.000000 ~ 19.999999	Fundamental	200
20.000000 ~ 23.999999	Fundamental	120
24.000000 ~ 29.999999	Fundamental	100
30.000000 ~ 39.000000	Fundamental	80
40.000000 ~ 64.000000	Fundamental	60



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• TAPE SPECIFICATIONS (millimeters)							
MODEL	A	B	C	D	E	F	STD Reel QTY
FX216B	∅1.55	4.0	4.0	3.5	8.0	0.65	3,000

• REEL SPECIFICATIONS (millimeters)							
MODEL	G	H	I	J	K	L	M
FX216B	2.0	∅13.0	21.0	60.0	180.0	9.0	2.0

