Ceramic SMD Crystal



Model: FX216B Series

• Tape and Reel (3,000 pcs. STD)

RoHS Compliant / Pb Free

Rev. 9/28/201

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FEATURES

• Ultra Low Profile

Fundamental

OPTIONS

- Tolerances $\leq \pm 10$ PPM
- Stabilities $\leq \pm 10$ 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				

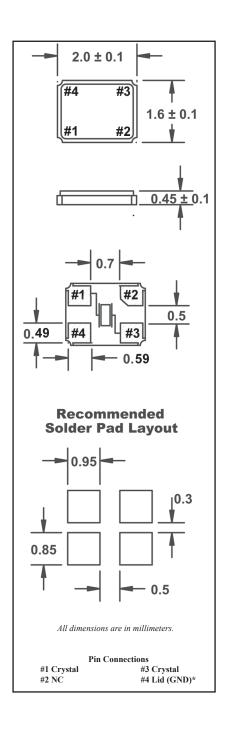
• STANDARD SPECIFICATIONS ¹						
PARAMETERS						
Frequency Range	16.000 ~ 64.000 MHz					
Frequency Tolerance @ 25°C	±50 PPM ¹					
Frequency Stability, ref @ 25°C						
Over Operating Temp Range	±50 PPM ¹					
Temperature Range						
Operating (TOPR)	$-10^{\circ}\text{C} \sim +60^{\circ}\text{C}^{-1}$					
Storage (TOPR)	-40°C ~ +85°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°C \sim 80°C available.

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		



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

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TAPE SPECIFICATIONS (millimeters)								
MODEL	Α	В	С	D	Е	F	STD Reel QTY	
FX216B	Ø1.55	4.0	4.0	3.5	8.0	0.65	3,000	

• REEL SPECIFICATIONS (millimeters)								
MODEL	G	Н	ı	J	K	L	M	
FX216B	2.0	Ø13.0	21.0	60.0	180.0	9.0	2.0	

