

Ceramic SMD Crystal



Model: FX216C Series

RoHS Compliant / Pb Free

Rev. 9/24/2012

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Need a Sample®

FEATURES

- Low Cost
- Fundamental to 54 MHz
- Tape and Reel (1,000 pcs. STD)

• PART NUMBER

Part Number	Model Number	Frequency Range (MHz)
617C-Frequency-xxxxx	FX216C	24.000 ~ 54.000

• STANDARD SPECIFICATIONS

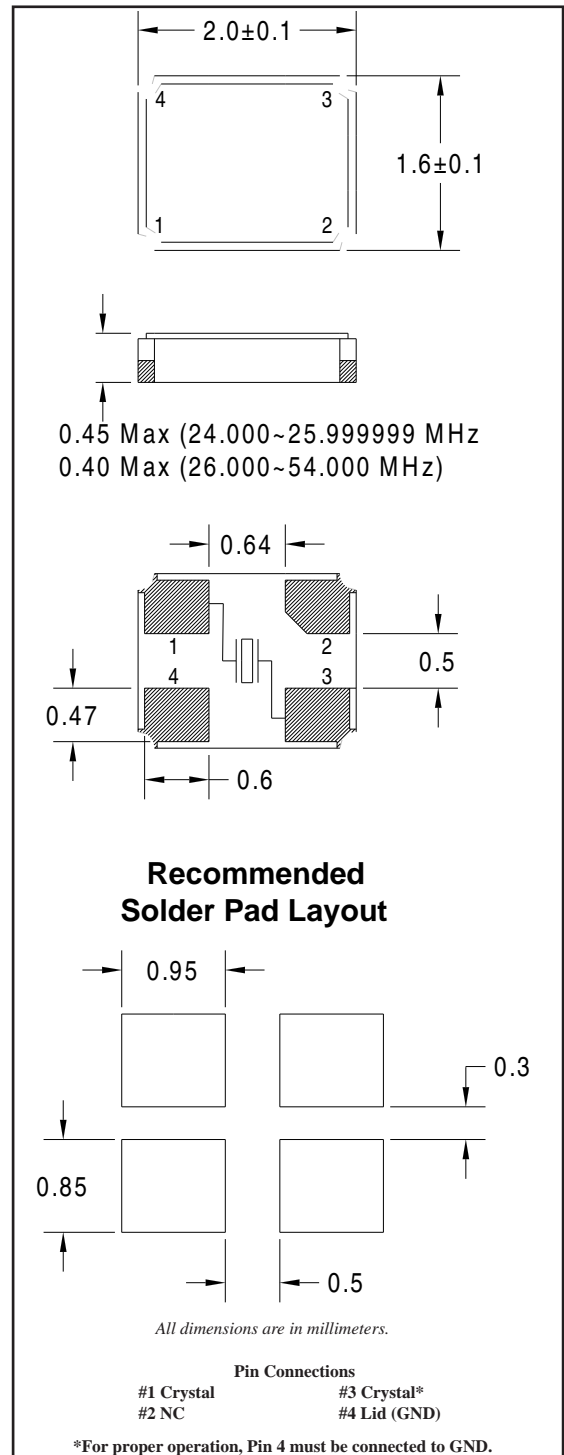
PARAMETERS	MAX (unless otherwise noted)
Frequency Range	24.000 ~ 54.000 MHz
Frequency Tolerance @ 25°C	±50 PPM ¹
Frequency Stability, ref @ 25°C Over Operating Temp Range	±50 PPM ¹
Temperature Range	
Operating (TOPR)	-10°C ~ +60°C ¹
Storage (TSTG)	-40°C ~ +85°C
Shunt Capacitance (Co)	5.0 pF
Load Capacitance (CL)	8 pF ~ Series (Customer Specified)
Drive Level	10uW typ. 100uW
Aging per year	±5 PPM
Maximum Soldering Temp / Time	260°C / 10 Seconds
Moisture Sensitivity Level (MSL)	1
Termination Finish	Au

¹ Other tolerances, stabilities & operating temperature ranges available.

Frequency Range (MHz)	Operating Mode	Max ESR Ω
24.000 ~ 29.999	Fundamental	100
29.999+ ~ 35.999	Fundamental	80
35.999+ ~ 54.000	Fundamental	60

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.



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• TAPE SPECIFICATIONS(millimeters)							
MODEL	A	B	C	D	E	F	STD Reel QTY
FX216C	∅1.55	4.0	4.0	3.5	8.0	0.65	1,000

• REEL SPECIFICATIONS(millimeters)							
MODEL	G	H	I	J	K	L	M
FX216C	2.0	∅13.0	21.0	60.0	180.0	9.0	2.0

