

Ceramic SMD Crystal



Model: FX1612B Series

RoHS/REACH Compliant / Pb Free

Rev. 10/16/2015

Page 1 of 1

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



FEATURES

- Low Cost
- Fundamental to 80 MHz

• PART NUMBER

Part Number	Model Number	Frequency Range (MHz)
821-Frequency-xxxxx	FX1612B	24.000 ~ 80.000

• STANDARD SPECIFICATIONS

PARAMETERS	MAX (unless otherwise noted)
Frequency Range	24.000 ~ 80.000 MHz
Frequency Tolerance @ 25°C	±30 PPM ¹
Frequency Stability, ref @ 25°C Over Operating Temp Range	±30 PPM ¹
Temperature Range	
Operating (TOPR)	-20°C ~ +70°C ¹
Storage (TSTG)	-40°C ~ +85°C
Shunt Capacitance (Co)	3.0 pF
Load Capacitance (CL)	4 pF ~ Series (Customer Specified)
Drive Level	100uW
Aging per year	±3 PPM
Maximum Soldering Temp / Time	260°C / 10 Seconds
Moisture Sensitivity Level (MSL)	1
Termination Finish	Au over Ni

¹ Tolerances and stabilities to ±10PPM, operating temps to -40°C ~ +85°C available.

Frequency Range (MHz)	Operating Mode	Max ESR Ω
24.000 ~ 29.999999	Fundamental	150
30.000 ~ 31.999999	Fundamental	120
32.000 ~ 80.000	Fundamental	100

Developed Frequencies (MHz) ²	
24.000	26.000
27.000	32.000
38.400	40.000

² Does not imply a stocked part.

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.

