Ceramic SMD Crystal



Model: FX532 Series

RoHS Compliant / Pb Free

Rev. http://www.foxonline.com/need a sample.htm



FEATURES

• Low Cost

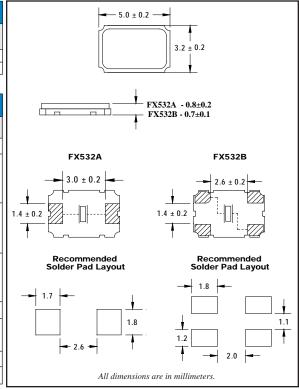
- Fundamental to 67 MHz
- Resin Sealed (A Version)
- Seam Sealed (B Version)
- Tape and Reel (2,000 pcs. STD)

OPTIONS

- Tolerances to < 10 PPM (B Version)
- Stabilities to < 10 PPM (B Version)
- Temperatures to -40° C $\sim +85^{\circ}$ C

• PART NUMBER SELECTION Learn More - Internet Required					
Part Number	Model Number	Frequency Range (MHz)			
419-Frequency-xxxxx	FX532A	10.000 ~ 67.000			
495-Frequency-xxxxx	FX532B	10.000 ~ 67.000			

• STANDARD SPECIFICATIONS ¹						
PARAMETERS		MAX (unless otherwise noted)				
Frequency Range		10.000 ~ 67.000 MHz				
Frequency Tolerance, Ta=2	25°C					
10.000 ~ 40.000 MHz	±50PPM					
40.000+ ~ 67.000 MHz	See Stability					
Frequency Stability	-					
10.000 ~ 40.000 MHz (re	±50 PPM					
40.000+ ~ 67.000 MHz	±100 PPM ²					
Temperature Range						
Operating (To	PR)	-10°C ~ +60°C				
Storage (Ts)	rg)	-30°C ~ +85°C				
Shunt Capacitance (Co))	7.0 pF				
Load Capacitance (CL))	10 pF ~ Series				
		(Customer Specified)				
Drive Level		0.1 mW				
Aging per year		±5 PPM				



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

All specifications subject to change without notice.

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.

Frequency Range (MHz)	Operating Mode	Max ESR Ω		
10.000 ~ 14.000	Fundamental	140		
14.000+ ~ 16.000	Fundamental	90		
16.000+ ~ 67.000	Fundamental	60		

² Inclusive of tolerance at 25°C

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Page 2 of 2

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TAPE SPECIFICATIONS (millimeters)							
MODEL	Α	В	С	D	Е	F	STD Reel QTY
FX532 Series	Ø1.5	4.0	8.0	5.5	12.0	1.7	2,000

• REEL SPECIFICATIONS (millimeters)								
MODEL	G	Н	I	J	K	L	M	
FX532 Series	2.0	Ø13	21	Ø80	Ø250	13.5	2.0	

