

Ceramic SMD Crystal



Model: FX532 Series

RoHS Compliant / Pb Free

Rev. 6/5/2008

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FEATURES

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

OPTIONS

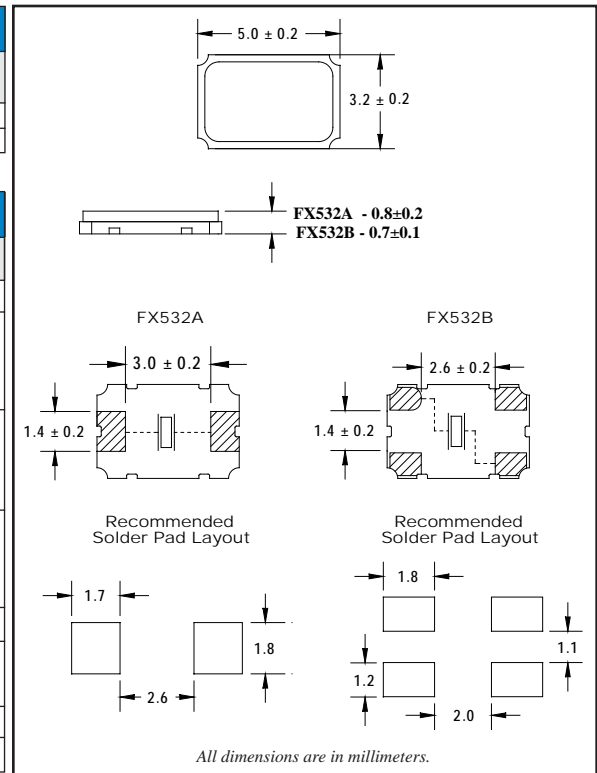
- Tolerances to < 10 PPM (B Version)
- Stabilities to < 10 PPM (B Version)
- Temperatures to -40°C ~ +85°C

• 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 SPECIFICATIONS¹

PARAMETERS	MAX (unless otherwise noted)
Frequency Range	10.000 ~ 67.000 MHz
Frequency Tolerance, Ta=25°C 10.000 ~ 40.000 MHz 40.000+ ~ 67.000 MHz	±50PPM See Stability
Frequency Stability 10.000 ~ 40.000 MHz (ref. @ 25°C) 40.000+ ~ 67.000 MHz	±50 PPM ±100 PPM ²
Temperature Range Operating (TOPR) Storage (TSTG)	-10°C ~ +60°C -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.

² Inclusive of tolerance at 25°C

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

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FX532 Marking Identification

*D/C - Year/Month & Week

Example: 'H2', H = August 2005, 2 = 2nd week in August 2005

Year/Month	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
2005	A	B	C	D	E	F	G	H	J	K	L	M
2006	N	P	Q	R	S	T	U	V	W	X	Y	Z
2007	a	b	c	d	e	f	g	h	j	k	l	m
2008	n	p	q	r	s	t	u	v	w	x	y	z
2009	A	B	C	D	E	F	G	H	J	K	L	M

• TAPE SPECIFICATIONS (millimeters)

MODEL	A	B	C	D	E	F	STD Reel QTY
FX532 Series	∅1.5	4.0	8.0	5.5	12.0	1.7	2,000

• REEL SPECIFICATIONS (millimeters)

MODEL	G	H	I	J	K	L	M
FX532 Series	2.0	∅13	21	∅80	∅250	13.5	2.0

