



Distributor of Fox Electronics: Excellent Integrated System Limited
Datasheet of FX532B-10.000 - Crystal 10.0000MHz 50ppm 20pF 140 Ohm -10°C - 60°C
Surface Mount 4-SMD, No Lead (DFN, LCC)

Contact us: sales@integrated-circuit.com Website: www.integrated-circuit.com

Excellent Integrated System Limited

Stocking Distributor

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[FX532B-10.000](#)

For any questions, you can email us directly:

sales@integrated-circuit.com



Ceramic SMD Crystal

Model: FX532 Series

RoHS Compliant / Pb Free

Rev. 6/5/2008

Page 1 of 2

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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

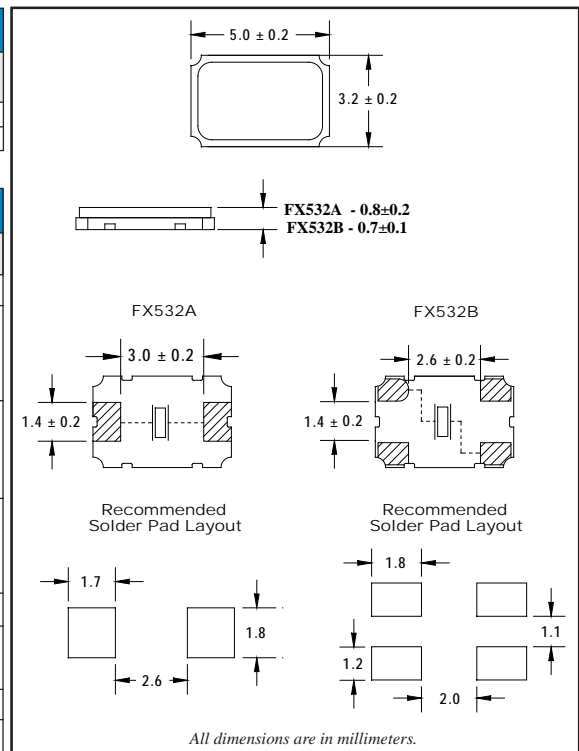
- Tolerances to < 10 PPM (B Version)
- Stabilities to < 10 PPM (B Version)
- Temperatures to -40°C ~ +85°C

• 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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Page 2 of 2

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• TAPE SPECIFICATIONS (millimeters)							
MODEL	A	B	C	D	E	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	H	I	J	K	L	M
FX532 Series	2.0	Ø13	21	Ø80	Ø250	13.5	2.0

