

Extended Temp High Reliability Crystal



Model: FXA7050_G Series

RoHS Compliant

Rev. 2/27/2009

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FEATURES

- Meets AEC-Q200 Requirements
- 1.8mm Height
- Tape and Reel (1,000 pcs. STD)

• PART NUMBER [Learn More](#) - Internet Required

Part Number	Model Number	Frequency Range (MHz)
825AG-Frequency-xxxxx	FXA7050AG	4.000 MHz, 5.000 ~ 40.000 MHz
825BG-Frequency-xxxxx	FXA7050BG	4.000 MHz, 5.000 ~ 40.000 MHz

• STANDARD SPECIFICATIONS

PARAMETERS	MAX (unless otherwise noted)
Frequency	4.000 MHz, 5.000 ~ 40.000 MHz
Frequency Tolerance @ 25°C	±30 PPM, ±50 PPM
Frequency Stability @ 25°C	
4.000MHz / -40 ~ +125°C	±150 PPM
4.000MHz / -40 ~ +85°C	±100 PPM
5.000~40.000MHz / -40 ~ +125°C	±100 PPM
5.000~40.000MHz / -40 ~ +85°C	±50 PPM
Temperature Range	
Operating (TOPR)	-40°C ~ +125°C
Storage (TSTG)	-40°C ~ +125°C
Shunt Capacitance (Co)	5pF
Load Capacitance (CL)	8pF~Series
Drive Level	100µW
Aging per year	±5 PPM
Maximum Soldering Temp / Time	260°C / 10 Seconds
Moisture Sensitivity Level (MSL)	1
Termination Finish	Au
Seal Method	Glass

See dimensional drawings on page 2.

Frequency Range (MHz)	Operating Mode	Max ESR Ω
4.000	Fundamental	500
5.000 ~ 7.999999	Fundamental	300
8.000 ~ 9.999999	Fundamental	200
10.000 ~ 40.000000	Fundamental	100

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, are believed to be accurate at the time of publication; however, no responsibility is assumed by Fox Electronics for inaccuracies.

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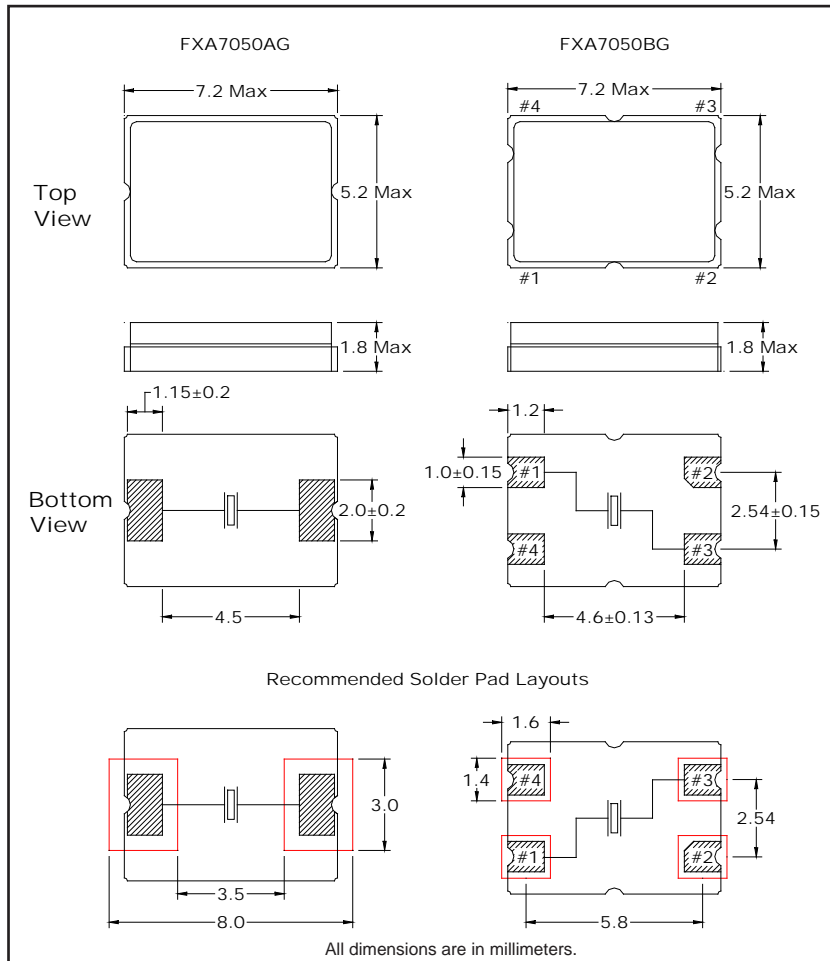
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Need a Sample®



• TAPE SPECIFICATIONS (millimeters)							
MODEL	A	B	C	D	E	F	STD Reel QTY
FXA7050_G	∅1.55	4.0	8.0	7.5	16.0	1.9	1,000

• REEL SPECIFICATIONS (millimeters)							
MODEL	G	H	I	J	K	L	M
FXA7050_G	2.0	∅13	∅21	∅62.2	∅178	16.5	1.5

