

All Quartz SMD Crystal



Model: FQ7050 Series

RoHS Compliant / Pb Free

Rev. 5/5/2006

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FEATURES

- Surface Mount All Quartz
- Low Cost
- Ultra Low Profile
- Fundamental
- Tape and Reel (1,000 pcs STD)

OPTIONS

- Tolerances to ± 20 PPM
- Stabilities to ± 20 PPM
- Temp Range to $-40^{\circ}\text{C} \sim +85^{\circ}\text{C}$

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

Part Number	Model Number	Frequency Range (MHz)
736A-Frequency-xxxxx	FQ7050A	6.000 ~ 49.000
736B-Frequency-xxxxx	FQ7050B	6.000 ~ 49.000

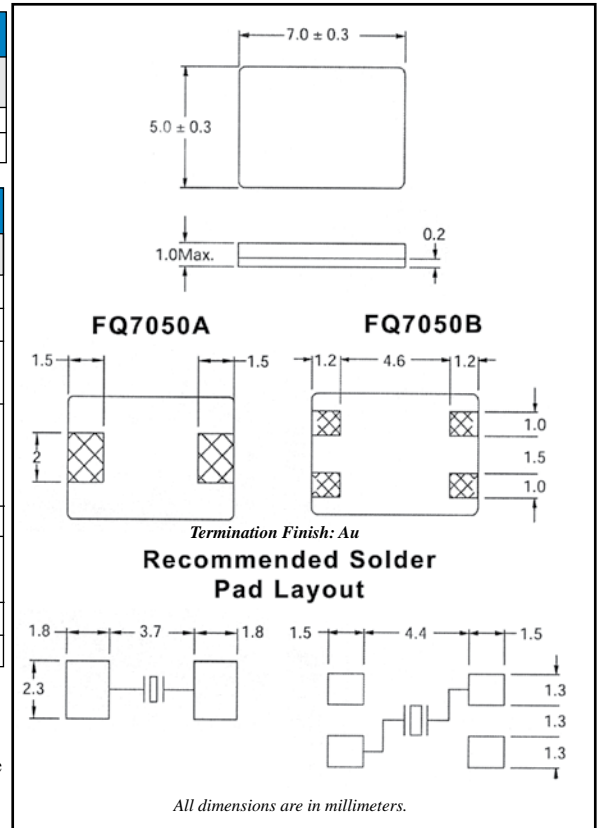
• STANDARD SPECIFICATIONS¹

PARAMETERS	MAX (unless otherwise noted)
Frequency Range (Fo)	6.000 ~ 49.000 MHz
Frequency Tolerance @ 25°C	± 30 PPM ¹
Frequency Stability, ref @ 25°C Over Operating Temp Range	± 30 PPM ¹
Temperature Range	
Operating (TOPR)	$0^{\circ}\text{C} \sim +70^{\circ}\text{C}$ ¹
Storage (TSTG)	$-30^{\circ}\text{C} \sim +85^{\circ}\text{C}$
Shunt Capacitance (Co)	7 pF
Load Capacitance (CL)	10 pF ~ Series (Customer Specified)
Drive Level	0.5 mW
Aging per year	± 5 PPM

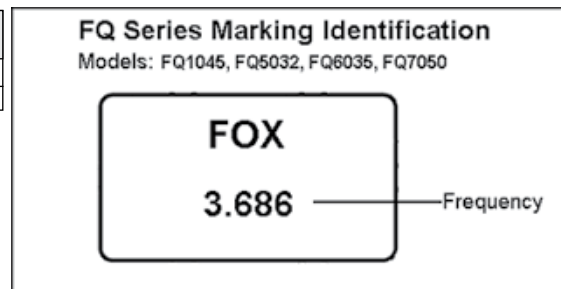
RoHS Compliance Status: Compliant

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

NOTE: 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.



Frequency Range (MHz)	Operating Mode	Max ESR Ω
6.000 ~ 16.000	Fundamental	80
16.000+ ~ 49.000	Fundamental	50



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• TAPE SPECIFICATIONS (millimeters)							
MODEL	A	B	C	D	E	F	STD Reel QTY
FQ7050	∅1.5	4.0	8.0	7.5	16.0	2.0	1,000

• REEL SPECIFICATIONS (millimeters)							
MODEL	G	H	I	J	K	L	M
FQ7050	2.0	∅13	∅21	∅62.5	∅178	16.4	2.0

