

# Ceramic SMD Glass Seal Crystal



**Model: FQAG Series**

**RoHS Compliant**

**Rev. 12/5/2007**

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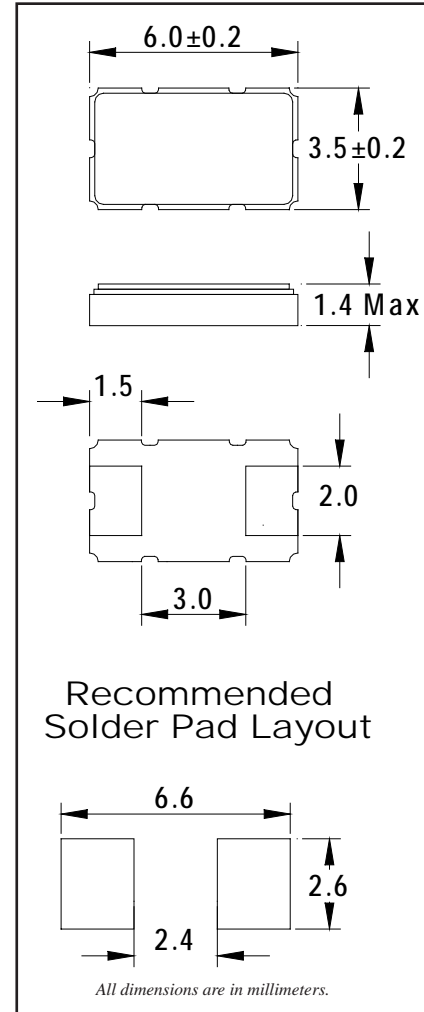


• PART NUMBER <a href="#">Learn More - Internet Required</a>		
Part Number	Model Number	Frequency Range (MHz)
257G-Frequency-xxxxx	FQAG	8.000 ~ 80.000

• STANDARD SPECIFICATIONS <sup>1</sup>	
PARAMETERS	MAX (unless otherwise noted)
Frequency Range (Fo)	8.000 ~ 80.000 MHz
Frequency Tolerance @ 25°C	±50 PPM <sup>1</sup>
Frequency Stability, ref @ 25°C Over Operating Temp Range	±50 PPM <sup>1</sup>
Temperature Range	
Operating (TOPR)	10°C ~ +70°C <sup>1</sup>
Storage (TSTG)	-40°C ~ +90°C
Shunt Capacitance (Co)	5 pF
Load Capacitance (CL)	10 pF ~ Series (Customer Specified)
Drive Level	0.1 mW
Aging per year	±5 PPM
Maximum Soldering Temp / Time	260°C / 10 Seconds
Moisture Sensitivity Level (MSL)	1
Termination Finish	Au

<sup>1</sup> Other stabilities & operating temperature ranges available.  
 Note: Dimensional drawing is for reference to critical specifications defined by size measurements. Certain non-critical visual attributes, such as side castellations, reference pin shape, 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
8.000 ~ 9.999	Fundamental	80
10.000 ~ 15.999	Fundamental	60
16.000 ~ 50.000	Fundamental	50
40.000 ~ 80.000	3rd OT	90



FQAG Marking Identification												
										Frequency		
Product ID										*Date Code		
* D/C Option - Year/Month and 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

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Need a  
Sample®

## • TAPE SPECIFICATIONS (millimeters)

MODEL	A	B	C	D	E	F	STD Reel QTY
FQAG	∅1.5	4.0	8.0	5.5	12.0	1.5	1,000

## • REEL SPECIFICATIONS (millimeters)

MODEL	G	H	I	J	K	L	M
FQAG	2.5	∅13.5	∅21.6	∅60.0	∅178	13.5	1.6

