

# Ceramic SMD Glass Seal Crystal



Model: FX532\_G Series

RoHS Compliant / Pb Free

Rev. 6/9/2008

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• PART NUMBER SELECTION <a href="#">Learn More</a> - Internet Required		
Part Number	Model Number	Frequency Range (MHz)
419G-Frequency-xxxxx	FX532AG	10.000 ~ 67.000
646G-Frequency-xxxxx	FX532CG	10.000 ~ 67.000

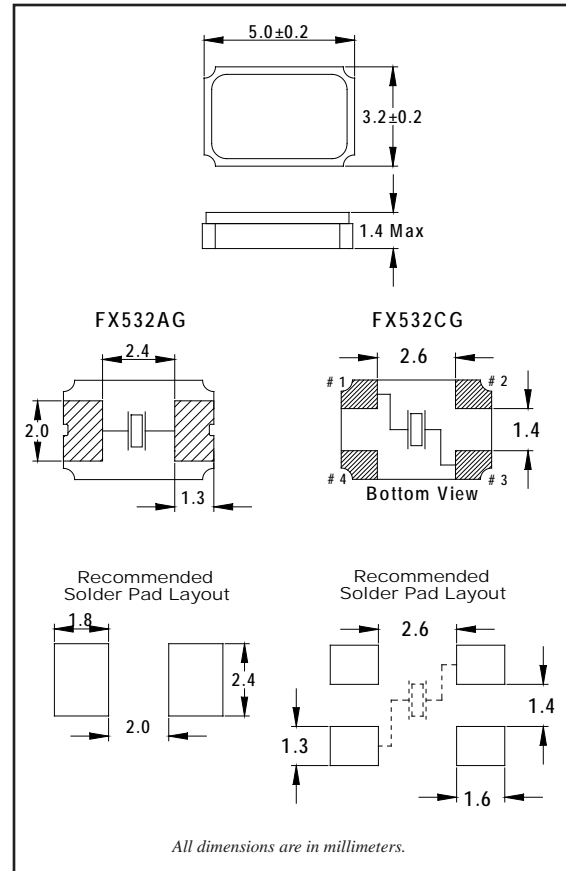
• STANDARD SPECIFICATIONS <sup>1</sup>	
PARAMETERS	MAX (unless otherwise noted)
Frequency Range (Fo)	10.000 ~ 67.000 MHz
Frequency Tolerance @ 25°C	±50PPM <sup>1</sup>
Frequency Stability, ref. @ 25°C Over Operating Temp. Range	±50 PPM <sup>1</sup>
Temperature Range	
Operating (TOPR)	-10°C ~ +70°C <sup>1</sup>
Storage (TSTG)	-40°C ~ +85°C
Shunt Capacitance (Co)	7 pF
Load Capacitance (CL)	8 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 tolerances, stabilities & operating temperature ranges available.

Frequency Range (MHz)	Operating Mode	Max ESR Ω
10.000 ~ 19.999	Fundamental	120
20.000 ~ 29.999	Fundamental	70
30.000 ~ 54.000	Fundamental	50
45.000 ~ 67.000	3 <sup>RD</sup> OT	90

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.



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**FX532AG / FX532CG 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_G	∅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
FX532_G	2.5	∅	21.6	60	178	13.5	1.6

