

Ceramic SMD Crystal



Model: FX252B Series RoHS Compliant / Pb Free

Rev. 2/25/2008

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http://www.foxonline.com/need_a_sample.htm



FEATURES

- Ultra Low Profile
- Fundamental

OPTIONS

- Tolerances to ± 10 PPM
- Stabilities to ± 10 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)
637-Frequency-xxxxx	FX252B	16.000 ~ 54.000

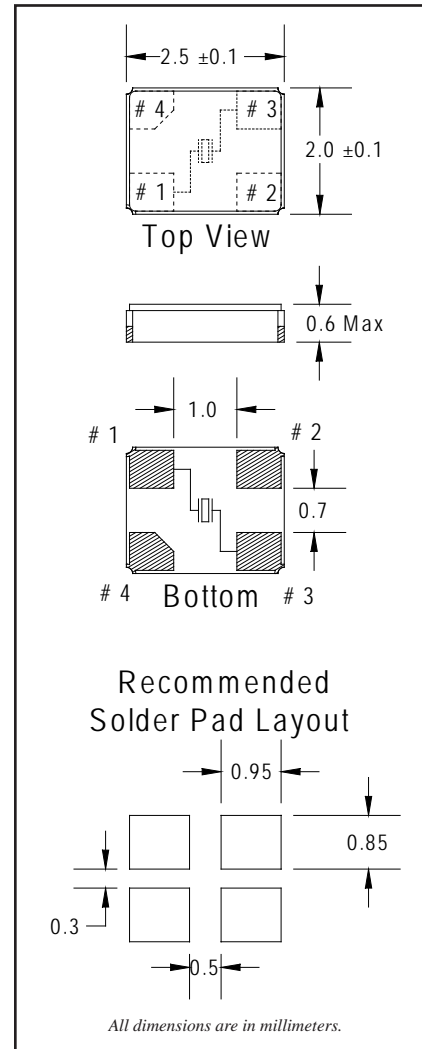
• STANDARD SPECIFICATIONS¹

PARAMETERS	MAX (unless otherwise noted)
Frequency Range	16.000 ~ 54.000 MHz
Frequency Tolerance @ 25°C	± 50 PPM ¹
Frequency Stability, ref @ 25°C Over Operating Temp Range	± 50 PPM ¹
Temperature Range	
Operating (TOPR)	$-10^{\circ}\text{C} \sim +60^{\circ}\text{C}$ ¹
Storage (TSTG)	$-40^{\circ}\text{C} \sim +85^{\circ}\text{C}$
Shunt Capacitance (Co)	5 pF
Load Capacitance (CL)	10 pF~Series (Customer Specified)
Drive Level	100 μW
Aging per year	± 5 PPM
Reflow Soldering Temperature	260°C x 10 Seconds (2 Cycles)
Moisture Sensitivity Level (MSL)	1
Termination Finish	Au

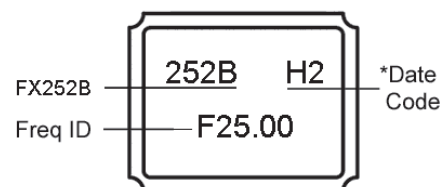
¹ Tolerances and stabilities to ± 10 PPM, operating temps to $-40^{\circ}\text{C} \sim 85^{\circ}\text{C}$ available.
All specifications subject to change without notice.

Developed Frequencies	
16.000	19.200
19.680	19.800
24.000	26.000
32.000	48.000
54.000	

Frequency Range (MHz)	Operating Mode	Max ESR Ω
16.000 ~ 26.000	Fundamental	200
26.000+ ~ 35.000	Fundamental	100
35.000+ ~ 54.000	Fundamental	50



FX252B Marking Identification



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
2004	n	p	q	r	s	t	u	v	w	x	y	z
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