

CX6F Series

Electrical Specifications

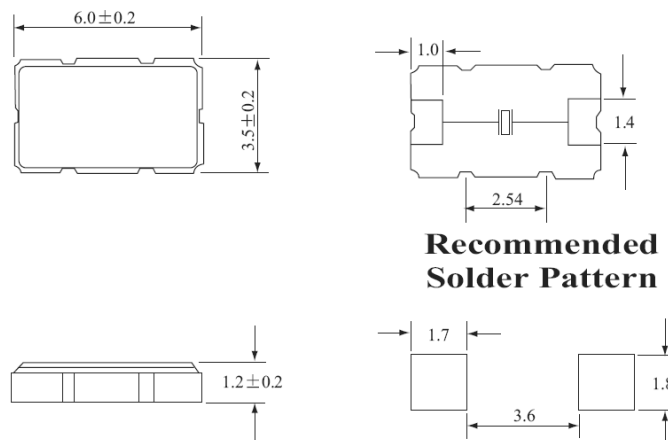
Parameter	Symb	Condition	Min	Typ	Max	Units
Frequency Range	Fo		10.000		80.000	MHz
Frequency Tolerance	$\Delta F / F_0$	AT 25°C	± 30	± 50	± 100	ppm
Temperature Stability	TC	REF TO 25°C	± 30	± 50	± 100	ppm
Operating Temperature Range	TOPR		-10*		+60*	°C
Storage Temperature Range	TSTG		-40		+85	°C
Shunt Capacitance	CO				7	pF
Load Capacitance	CL	Customer Specified	10		Series	pF
Insulator Resistance	IR	100V _{DC}	500			MΩ
Drive Level	DL			100	500	μW
Aging	Fa	AT 25°C, per year	-5.0		+5.0	ppm

*Operating temperature range: -20°C to +70°C option

Equivalent Series Resistance(ESR) and Mode of Vibration(Mode)

Frequency Range	Max ESR(Ω)	Mode
10.000MHz to 15.999MHz	60	Fundamental
16.000MHz to 39.999MHz	40	Fundamental
40.000MHz to 80.000MHz	70	3 rd Overtone

Mechanical Dimensions(mm)



CX6F-A20C18-25M000

Package	Frequency Stability	Frequency Tolerance	Operating temperature Range	Load Capacitance	Nominal Frequency (In MHz)
HC49SM	A=±10ppm	10=±10ppm	A=0 to +70°C	00=series	25M000=25.000MHz
HC49SX	B=±20ppm	20=±20ppm	B=-20 to +70°C	10=10pF	32K768=32.768KHz
CX32	C=±30ppm	30=±30ppm	C=-40 to +85°C	18=18pF	
CX42	D=±50ppm	50=±50ppm	D=-40 to +105°C	32=32pF	
CX5F	E=±100ppm	00=±100ppm			
CX5S					
CX6F					
CX6S					
CX75					
CX84					

SMD Crystal Units Part Numbering System