

ILCX-08 Series

Crystal SMD 4 pads 6×3.5×1.0mm

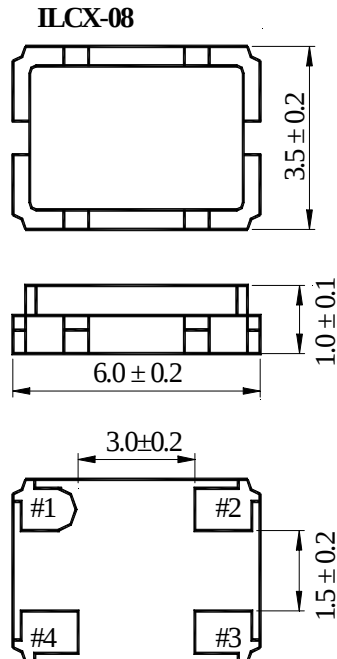
STANDARD SPECIFICATIONS		
Frequency Range	Fundamental	12.0MHz to 40.0 MHz
	3rd OT	40.0 MHz to 100 MHz
Frequency Tolerance (25 °C)	±50 ppm Standard (see Appendix A for more details)	
Resonance	Parallel (18pF Standard or Series) (see Appendix A for more details)	
Shunt Capacitance (Co)	7.0pF max	
Equivalent Series Resistance (E.S.R)	60 Ω max	
Drive Level	10μW ~ 100μW	
Aging (First Year @ 25°C)	±5 ppm max	
Frequency Stability over Operating Temperature	± 100 ppm Standard (see Appendix A for more details)	
Operating Temperature Range	0 °C ~+70 °C Standard (see Appendix A for more details)	
Storage Temperature Range	-40 °C ~+85 °C Standard	

Ordering Instructions (see Appendix A for more details)

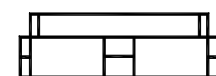
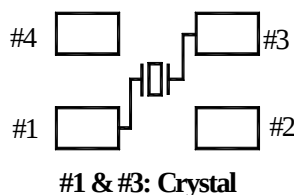
Example: ILSI Part # = ILCX-08-BA1FT18-20.000

ILCX-08-	±50ppm(@ 25°)	±100ppm(Over Temp)	0°C~+70°C	Fundamental	Tape & Reel	Load Cap.	Freq.
	B	A	1	F	T	18pF	-20.000MHz

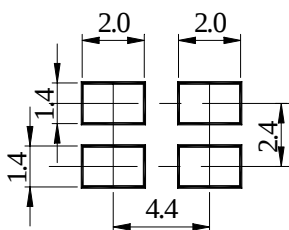
DIMENSIONS (Unit:mm)



Pin #2 and Pin #4
are connected to ground
through the metal cover of the crystal



RECOMMENDED PAD LAYOUT



Example for soldering conditions

