

ILCX-01 Series

Crystal SMD 4 pads 7×5×1.3mm

STANDARD SPECIFICATIONS

Frequency Range	Fundamental	12.8 MHz to 40 MHz
	3 rd OT	40 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.
Aging		± 5ppm per year max
Frequency Stability over Operating Temperature		± 100 ppm Standard (see Appendix A for more details)
Drive Level		10μW ~ 100μW
Operating Temperature Range		0°C ~+70°C
Storage Temperature Range		-40 °C ~+85 °C Standard

Ordering Instructions (see Appendix A for more details)

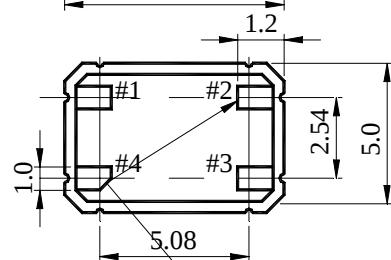
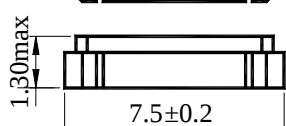
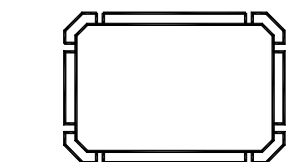
Example: ILSI Part # = ILCX-01-BA1FT18-20.000

ILCX-01-	±50ppm(@ 25°)	±100ppm(Over Temp)	0°C~+70°C	Fundamental	Tape & Reel	Load Cap.	Freq.
	B	A	1	F	T	18pF	-20.000MHz

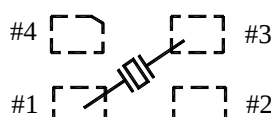
DIMENSIONS (Unit:mm)

ILCX-01

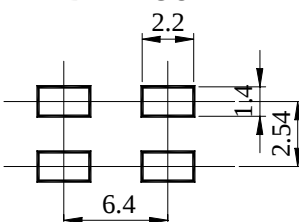
Connection (Top View)



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



PAD LAYOUT



Example for soldering conditions

