

ILCX-12 Series

Crystal SMD 2 pads 7×5×1.1mm

STANDARD SPECIFICATIONS

Frequency Range	Fundamental	12.8MHz to 40.0 MHz
	3 rd OT	40.0 MHz to 100 MHz
Frequency Tolerance (25 °C)		±50 ppm Standard (see Appendix A for more details)
Resonance		Parallel (18pF Standard) (see Appendix A for more details)
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)

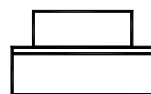
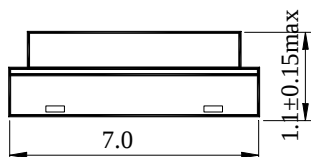
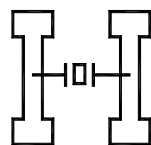
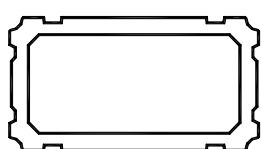
Example: ILSI Part # = ILCX-12-BA1F18-20.000

ILCX-12-	±50ppm(@ 25°)	±100ppm(Over Temp)	0°C~+70°C	Fundamental	Load Cap.	Freq.
	B	A	1	F	18pF	-20.000MHz

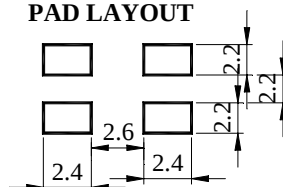
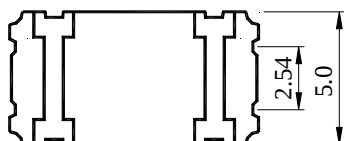
DIMENSIONS (Unit:mm)

ILCX-12

Connection (Top view)



RECOMMENDED
PAD LAYOUT



Example for soldering conditions

