

ILCX-09 Series

Crystal SMD 2 pads 6×3.2×1.1mm

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) (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

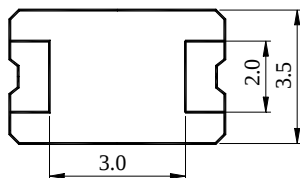
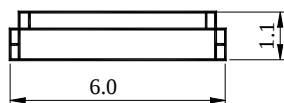
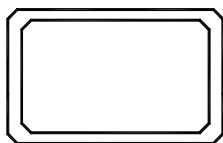
Ordering Instructions (see Appendix A for more details)

Example: ILSI Part # = ILCX-09-BA1F12-14.31818

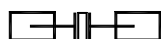
ILCX-09-	±50ppm(@ 25°)	±100ppm(Over Temp)	0°C~+70°C	Fundamental	Load Cap.	Freq.
	B	A	1	F	18pF	-14.31818 MHz

DIMENSIONS (Unit:mm)

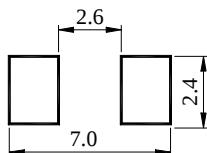
ILCX-09



Connection (Top view)



RECOMMENDED
PAD LAYOUT



Example for soldering conditions

