

ILCX-05 Series

Crystal SMD 4 pads 11.8×5.5×2.0mm

STANDARD SPECIFICATIONS

Frequency Range	3.500 MHz to 30 MHz
Frequency Tolerance (25 °C)	± 50 ppm Standard (see Appendix A for more details)
Load Capacitance (CL)	18pF Standard (see Appendix A for more details)
Shunt Capacitance (Co)	7pF max
Aging (First Year @ 25°C)	±5ppm max
Drive Level	500μW
Insulation Resistance	500MΩ max
Operating Temperature Range	0°C ~ +70°C Standard (see Appendix A for more details)
Storage Temperature Range	-40°C ~ +100°C
Sealing	1×10 ⁻⁷ mbar/sec. max

EQUIVALENT SERIES RESISTANCE(E.S.R.)

Frequency Range (MHz)	Max ESR (Ω)
3.5 ~ 4.0	300
4.0 ~ 8.0	200
8.0 ~ 10.0	120
10.0 ~ 20.0	100
>20.0	80

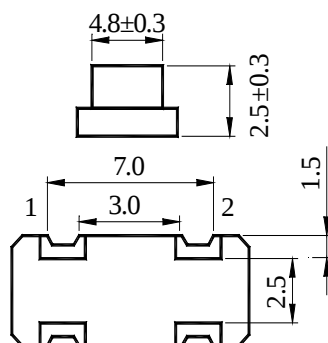
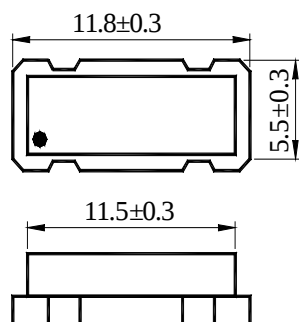
Ordering Instructions (see Appendix A for more details)

Example: ILSI Part # = ILCX-05-BA1F18-20.000

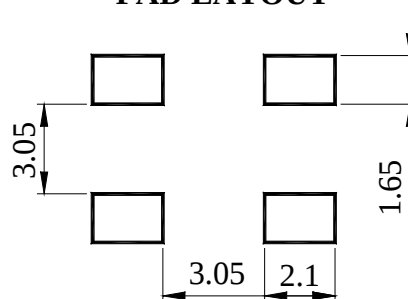
ILCX-05-	±50ppm(@ 25°C)	±100ppm(Over Temp)	0°C~+70°C	Fundamental	Load Cap.	Freq.
	B	A	1	F	18pF	-20.000MHz

DIMENSIONS (Unit:mm)

ILCX-05



RECOMMENDED PAD LAYOUT



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Specifications subject to change without notice