

IL3 Series

Crystal SMD 4 pads 13×5×4.3mm

STANDARD SPECIFICATIONS

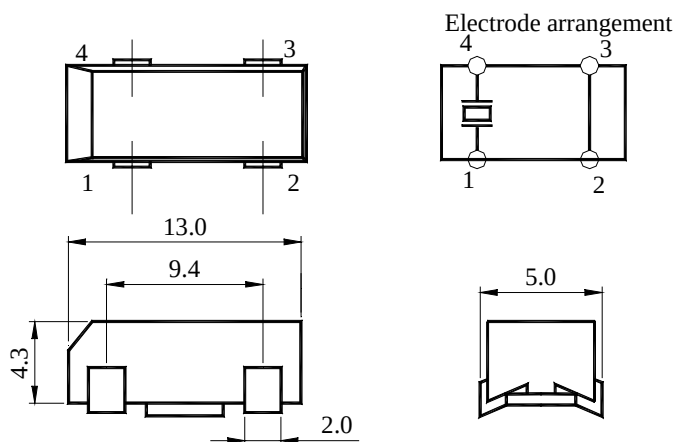
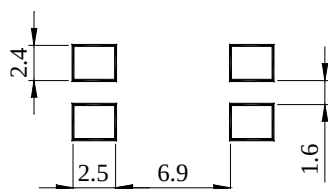
Frequency Range	3.500MHz ~ 70.00MHz
Frequency Tolerance (25 °C)	± 50 ppm Standard (see Appendix A for more details)
Load Capacity (CL)	18pF Standard (see Appendix A for more details)
Shunt Capacity (Co)	7.0pF max
Equivalent Series Resistance (E.S.R)	See Table
Insulation Resistance	500 MΩ min
Aging (First Year)	± 5 ppm max
Frequency Stability over Operating Temp.	± 100 ppm Standard (see Appendix A for more details)
Drive Level	200μW(3.5MHz ~ 10MHz), 500μW(>10MHz)
Operating Temperature Range	0°C ~+70°C Standard (see Appendix A for more details)
Storage Temperature Range	-40 °C ~+85 °C
Sealing	1×10 ⁻⁷ mbar/sec. max
Shock Resistance	±5 ppm, Drop test 3 times on hard board from 75cm height.
Holder	IL3

EQUIVALENT SERIES RESISTANCE (E.S.R.)

Frequency (MHz)	Max ESR (Ω)
3.5~4.0	200
4.0~6.0	150
6.0~10.0	100
10.0~30.0	50
>30.0 (Fund.)	100

DIMENSIONS (UNIT=mm)

PAD LAYOUT



Ordering Instructions (see Appendix A for more details)

Example: ILSI Part # = IL3-FB1F18-20.000

IL3-	±50ppm(@ 25°C)	±100ppm(Over Temp)	0°C~+70°C	Fundamental	Load Cap.	Freq.
B	A	1	F	18pF	-20.000MHz	

ILSI America

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Specifications subject to change without notice