

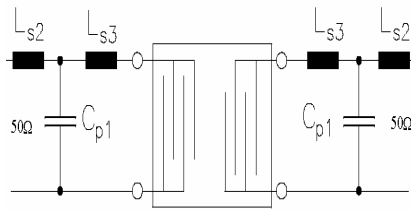
For DECT First IF Filters (F-11 Package)

SP110.6

Electrical Characteristic:

Characteristic	Sym	Unit	Spec
Nominal Center Frequency	F_0	MHz	110.592
3dB Bandwidth(from f_0)	ΔF_{3dB}	KHz	± 576
Stop Band Attenuation (from peak level)		dB	
1) at $F_0 - 3 \times 1.728\text{MHz}$			50min
2) at $F_0 - 2 \times 1.728\text{MHz}$			45min
3) at $F_0 \pm 1.150\text{MHz}$			10min
4) at $F_0 \pm 1.728\text{MHz}$			30min
5) at $F_0 + 2 \times 1.728\text{MHz}$			40min
6) at $F_0 + 3 \times 1.728\text{MHz}$			40min
Insertion Loss(at minimum loss point)	IL	dB	4.5max
Group Delay Deviation(with $F_0 \pm 576\text{kHz}$)	ΔT	us	0.7max
Input/Output Impedance (Nominal)			See fig1

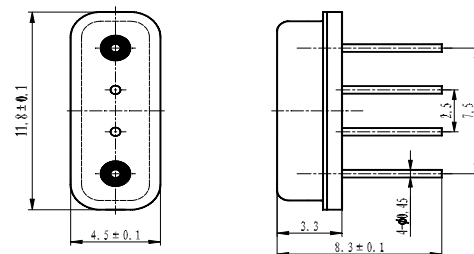
Input/Output Impedance(fig1):



$C_{p1} = 12\text{pF}$; $L_{s2} = 100\text{nH}$; $L_{s3} = 180\text{nH}$

This may be changed according to PCB

F-11 Package(fig2):



Frequency Characteristic(fig3):

