



Sichuan Institute of Piezoelectric and Acoustooptic Technology

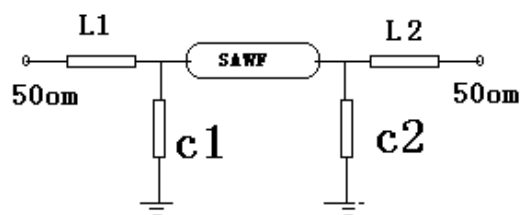
For BB Filters (F-11 Package)

SP446

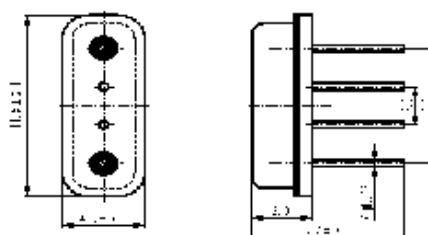
Electrical Characteristic:

Characteristic	Sym	Unit	Spec
Nominal Center Frequency	F_0	MHz	446
Stop Band Attenuation (from peak level)		dB	
1) at DC~($F_0-30.7$)MHz			50min
2) at $F_0+30.7$ MHz~ F_0+200 MHz			50min
Insertion Loss(at $F_0\pm 2.0$ MHz)	IL	dB	4.5max
Passband variation (at $F_0\pm 2.0$ MHz)		dB	2max
Input/Output Impedance (Nominal)			50 Ω

Input/Output Impedance(fig1):



F-11 Package(fig2):



$L1$ 、 $L2=18$ nH; $C1$ 、 $C2=1$ pF

This may be changed according to PCB

Frequency Characteristic(fig3):

