

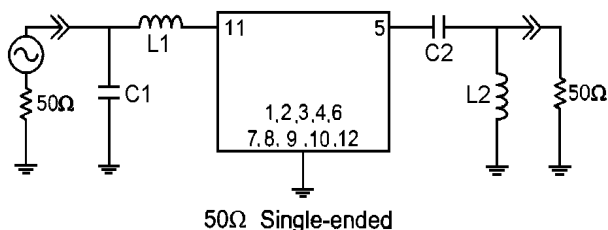
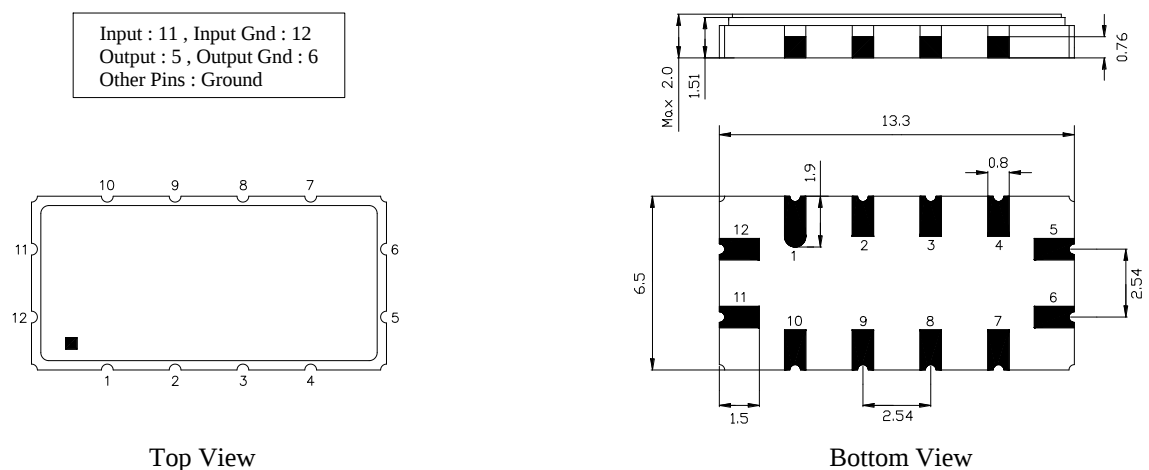
PRODUCT SPECIFICATION FOR INFORMATION

- Product Name : SAW BAND PASS FILTER
- Part No : M22530S

1. Specification

Parameter	Unit	Min.	Typ.	Max.
Center Frequency	MHz	-	225.0	
Insertion Loss	dB	-	12.8	15.0
1dB Bandwidth	MHz	30.0	30.8	-
3dB Bandwidth	MHz	-	31.86	-
40dB Bandwidth	MHz	-	36.7	37.5
Relative Attenuation @ Fc-14.52-2.5MHz	dB	10.0	15.0	
@ Fc+14.52+2.5MHz	dB	8.0	11.0	
Passband Ripple(Fc±14.52MHz)	dB	-	0.35	0.8
Group Delay Variation(Fc±14.52MHz)	nsec	-	30.0	50.0
Absolute Delay	μsec	-	0.68	-
Ultimate Attenuation	dB	40.0	43.0	-
Substrate Material & T.C.F	ppm/°C	Yz-LiNbO ₃ -86		
Terminating Impedance	Ω	50		
Maximum Input Power	dBm	10		
Operating Temperature	°C	-20 ~ +70		

2. Dimension & Matching Configuration



L1=33nH, L2=39nH, C1=16pF, C2=47pF
Source / Load Impedance = 50Ω
Ambient Temperature = 25°C

