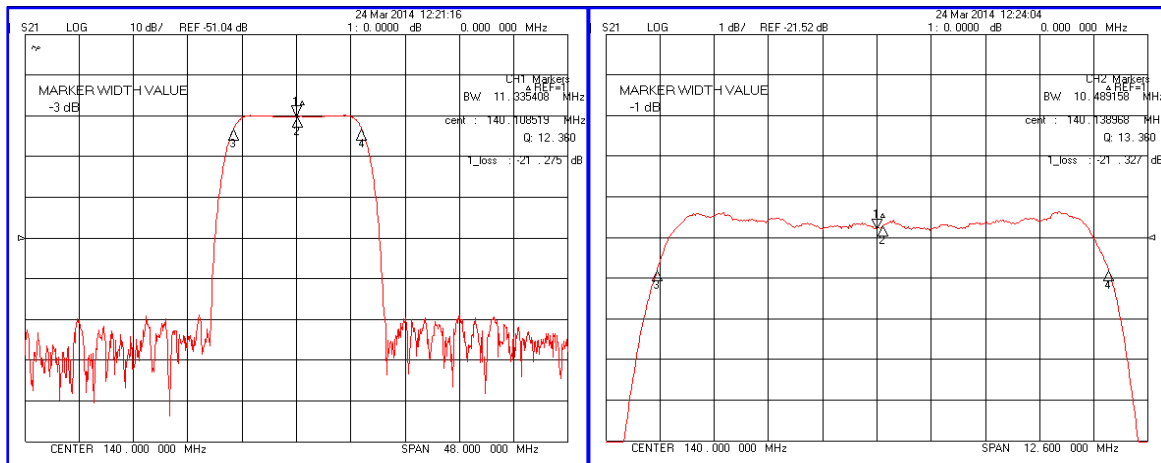


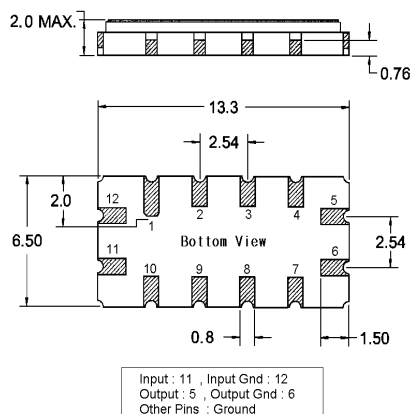
### Typical Performance



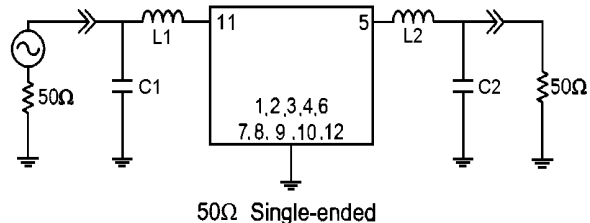
### Specification

Parameter	Unit	Min.	Typ.	Max.
Center Frequency	MHz	-	140.00	-
Insertion Loss	dB	-	21.30	23.00
1dB Bandwidth	MHz	10.00	10.48	-
3dB Bandwidth	MHz	-	11.33	-
40dB Bandwidth	MHz	-	15.00	15.50
<b>Relative Attenuation</b>				
<b>fc ± 7.25MHz Point</b>	dB	-	20	-
<b>fc ± 9.75MHz Point</b>	dB	-	50	-
Passband Ripple(Fc ± 4.5MHz)	dB	-	0.45	1.00
Group Delay Variation(Fc ± 4.5MHz)	nsec	-	30	60
Absolute Delay	µsec	-	0.78	-
Ultimate Attenuation	dB	45	50	-
Substrate Material	-	112-LiTaO <sub>3</sub>		
Temperature Coefficient	ppm/°C	-20		

### Package Dimension



### Matching Configuration



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

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