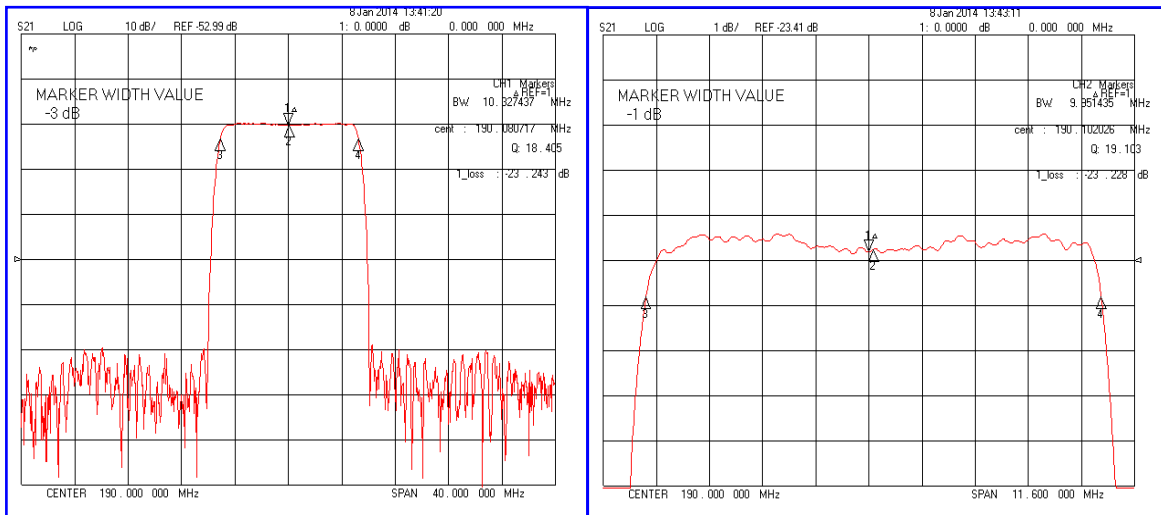


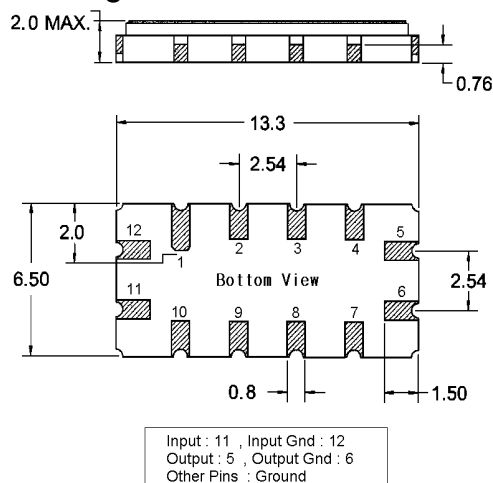
### Typical Performance



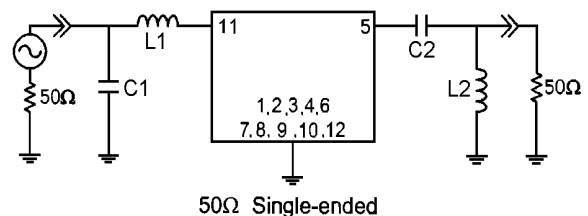
### Specification

Parameter	Unit	Min.	Typ.	Max.
Center Frequency	MHz	189.85	190.00	190.15
Insertion Loss	dB	-	23.30	25.50
1dB Bandwidth	MHz	9.50	9.85	-
3dB Bandwidth	MHz	-	10.32	-
40dB Bandwidth	MHz	-	12.15	12.50
Passband Ripple ( $\pm 4.3\text{MHz}$ )	dB	-	0.45	1.00
Group Delay Variation ( $\pm 4.3\text{MHz}$ )	nsec	-	50	100
Absolute Delay	$\mu\text{sec}$	-	1.65	-
Ultimate Attenuation	dB	40	48	-
Substrate Material	-	112-LiTaO <sub>3</sub>		
Temperature Coefficient	ppm/ $^{\circ}\text{C}$	-20		

### Package Dimension



### Matching Configuration



L1=18nH, L2=15nH, C1=33pF, C2=75pF  
Source / Load Impedance = 50Ω  
Ambient Temperature = 25°C

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