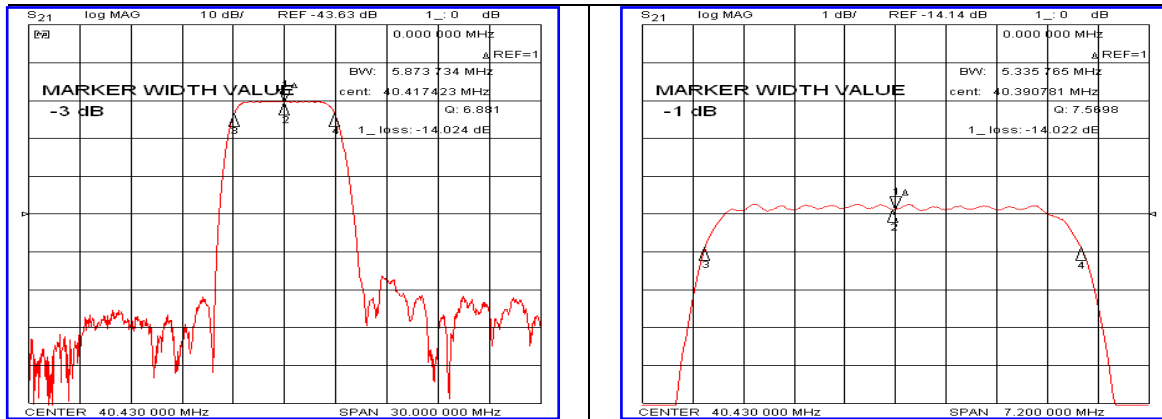


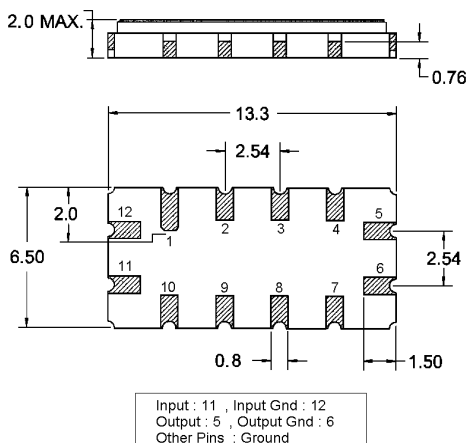
### Typical Performance



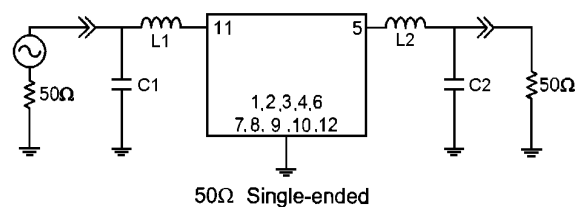
### Specification

Parameter	Unit	Min.	Typ.	Max.
Center Frequency	MHz	-	40.43	-
Insertion Loss	dB	-	14.50	16.50
1dB Bandwidth	MHz	-	5.33	-
3dB Bandwidth	MHz	5.50	5.87	-
40dB Bandwidth	MHz	-	8.30	9.00
Relative Attenuation				
34.4MHz	dB	40	50	-
46.4MHz	dB	40	45	-
Passband Ripple( $F_c \pm 1.845\text{MHz}$ )	dB	-	0.40	1.00
Group Delay Variation( $F_c \pm 1.845\text{MHz}$ )	nsec	-	100	200
Absolute Delay	$\mu\text{sec}$	-	1.36	-
Ultimate Attenuation	dB	40	45	-
Substrate Material	-	Yz-LiNbO <sub>3</sub>		
Temperature Coefficient	ppm/ $^{\circ}\text{C}$	-86		

### Package Dimension



### Matching Configuration



L1=56nH, L2=56nH, C1=10pF, C2=10pF  
Source / Load Impedance = 50Ω  
Ambient Temperature = 25°C

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