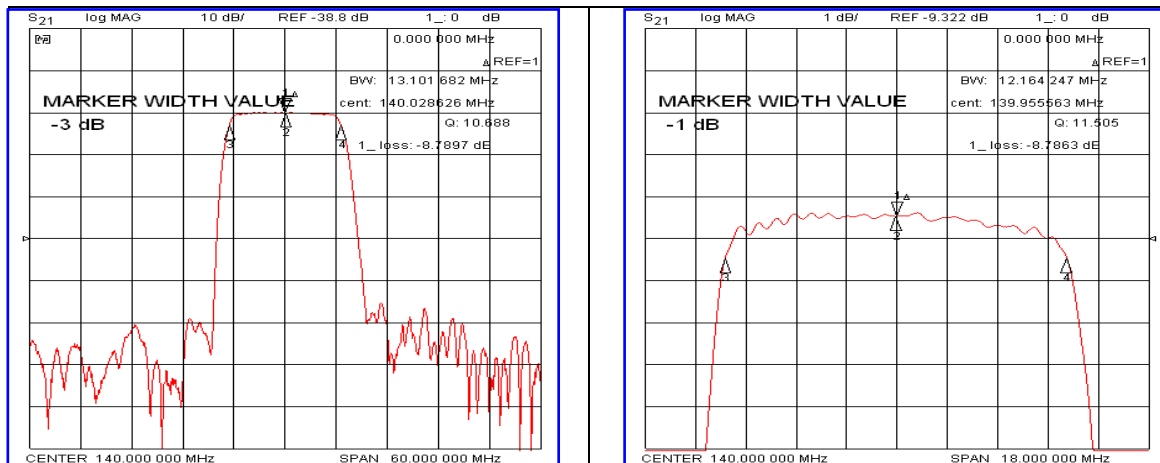


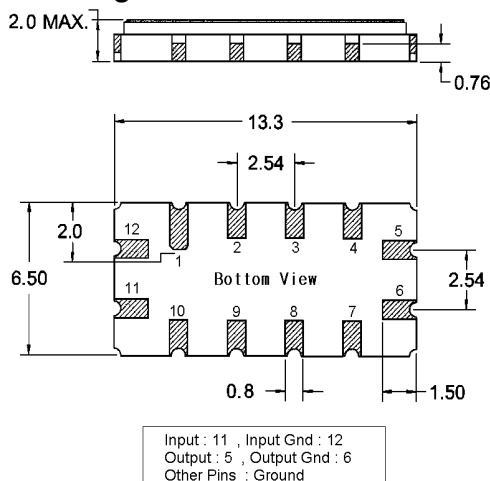
### Typical Performance



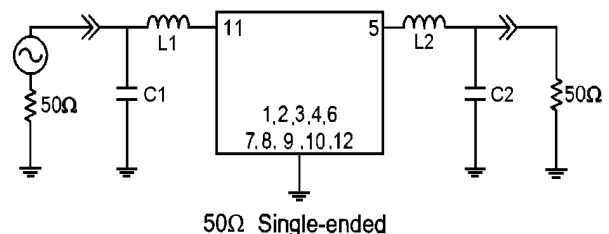
### Specification

Parameter	Unit	Min.	Typ.	Max.
Center Frequency	MHz	-	140.00	-
Insertion Loss	dB	-	8.60	11.00
1dB Bandwidth	MHz	-	12.16	-
3dB Bandwidth	MHz	12.80	13.10	-
40dB Bandwidth	MHz	-	17.50	18.50
Passband Ripple( $F_c \pm 5.0\text{MHz}$ )	dB	-	0.50	1.00
Group Delay Variation( $F_c \pm 5.0\text{MHz}$ )	nsec	-	40	80
Absolute Delay	$\mu\text{sec}$	-	0.78	-
Ultimate Attenuation	dB	40	45	-
Substrate Material	-	Yz-LiNbO <sub>3</sub>		
Temperature Coefficient	ppm/ $^{\circ}\text{C}$	-86		

### Package Dimension



### Matching Configuration



L1=39nH, L2=39nH, C1=36pF, C2=30pF  
Source / Load Impedance = 50 $\Omega$   
Ambient Temperature = 25 $^{\circ}\text{C}$

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