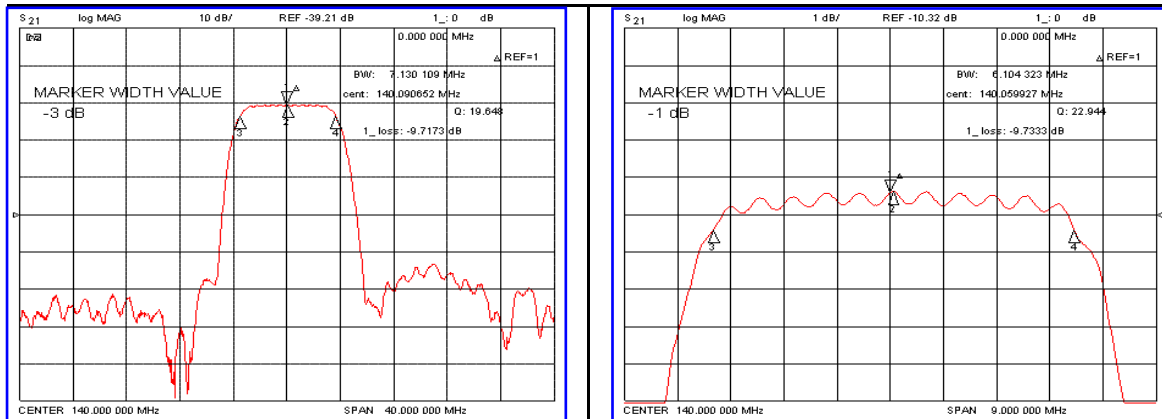


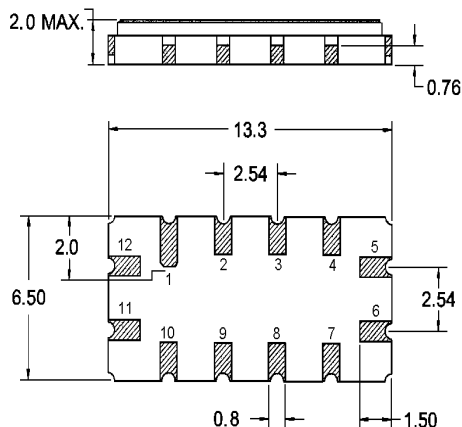
### Typical Performance



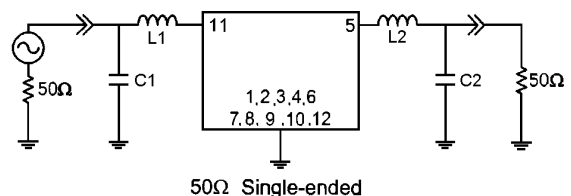
### Specification

Parameter	Unit	Min.	Typ.	Max.
Center Frequency	MHz	139.80	140.00	140.20
Insertion Loss	dB	-	9.71	11.00
1dB Bandwidth	MHz	-	6.10	-
3dB Bandwidth	MHz	6.85	7.13	-
40dB Bandwidth	MHz	-	10.62	11.00
Passband Ripple(70% of 3dB BW)	dB	-	0.65	1.00
Group Delay Variation(70% of 3dB BW)	nsec	-	100	200
Absolute Delay	μsec	-	0.91	-
Ultimate Attenuation	dB	40	45	-
Substrate Material	-	YZ-LiNbO <sub>3</sub>		
Temperature Coefficient	ppm/°C	-86		

### Package Dimension



### Matching Configuration



L1=33nH, L2=33nH C1=4.7pF, C2=4.7pF  
 Source / Load Impedance = 50Ω  
 Ambient Temperature = 25°C

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