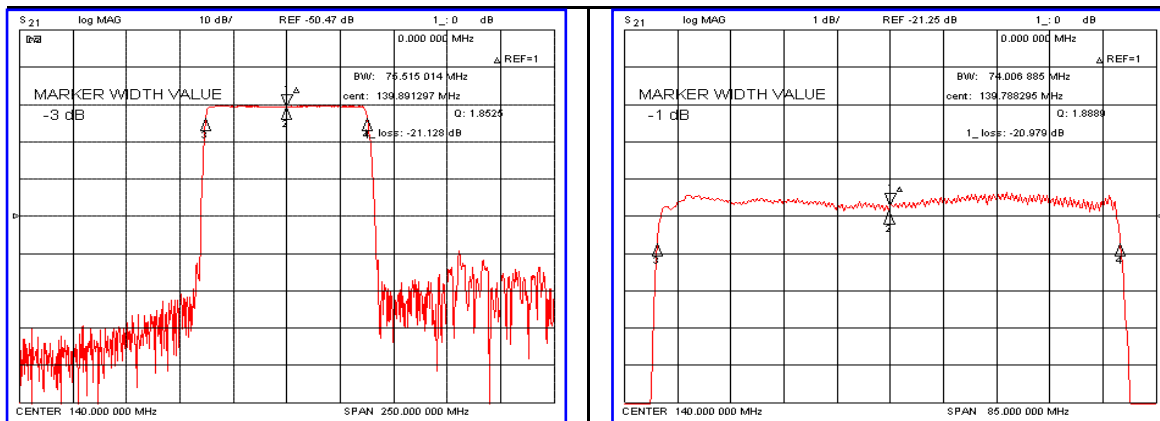


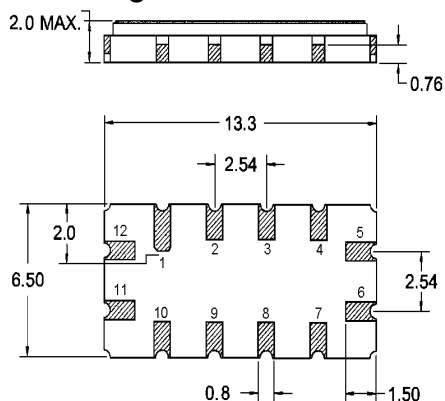
### Typical Performance



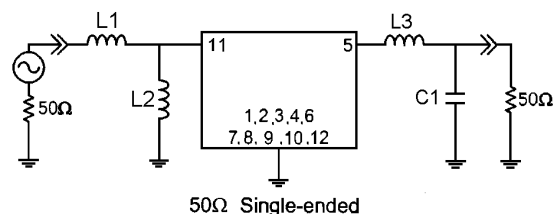
### Specification

Parameter	Unit	Min.	Typ.	Max.
Center Frequency	MHz	139.80	140.00	140.20
Insertion Loss	dB	-	21.50	24.00
1dB Bandwidth	MHz	-	74.00	-
3dB Bandwidth	MHz	75.00	75.50	-
40dB Bandwidth	MHz	-	82.50	83.00
Passband Ripple	dB	-	0.60	1.00
Group Delay Variation	nsec	-	30	50
Absolute Delay	µsec	-	0.70	-
Relative Attenuation				
DC ~ 87.5MHz	dB	-	52	-
222.5 ~ 800MHz	dB	-	40	-
Substrate Material	-	YZ-LiNbO <sub>3</sub>		
Temperature Coefficient	ppm/°C	-86		

### Package Dimension



### Matching Configuration



L1=12nH, L2=39nH, L3=33nH, C1=27pF  
 Source / Load Impedance = 50Ω  
 Ambient Temperature = 25°C

Rev 0. 070320

