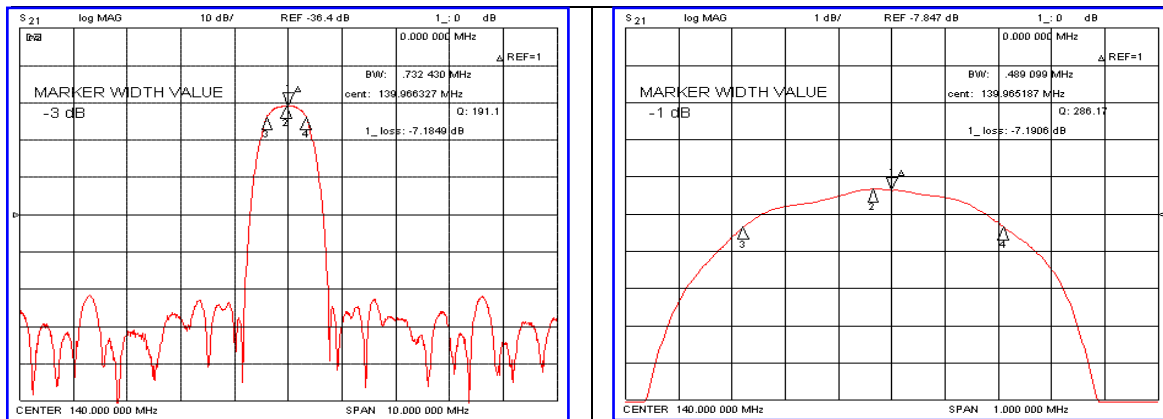


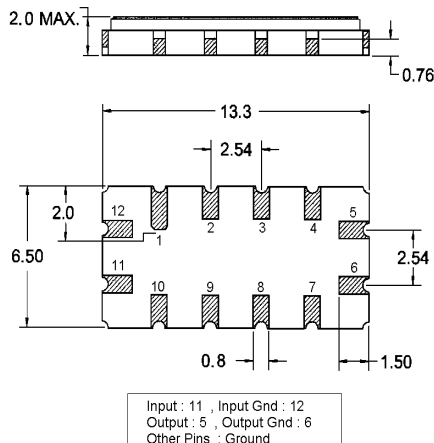
### Typical Performance



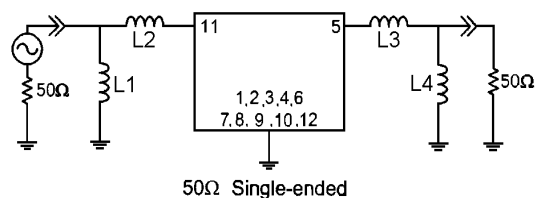
### Specification

Parameter	Unit	Min.	Typ.	Max.
Center Frequency (Fc)	Mhz	139.85	140.00	140.15
Insertion Loss	dB	-	7.20	10.00
1dB Bandwidth	Mhz	0.40	0.48	-
3dB Bandwidth	Mhz	-	0.73	-
40dB Bandwidth	Mhz	-	1.47	1.70
Passband Ripple (Fc±0.1Mhz)	dB	-	0.35	1.00
Group Delay Variation (Fc±0.1Mhz)	nsec	-	100	250
Absolute Delay	µsec	-	1.53	-
Ultimate Attenuation	dB	42	50	-
Substrate Material	-	Quartz		
Operating Temperature	°C	-40 ~ +85		
Temperature Coefficient	ppm/°C	-0.03		

### Package Dimension



### Matching Configuration



L1=18nH, L2=33nH, L3=33nH, L4=47nH  
Source / Load Impedance = 50Ω  
Ambient Temperature = 25°C

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