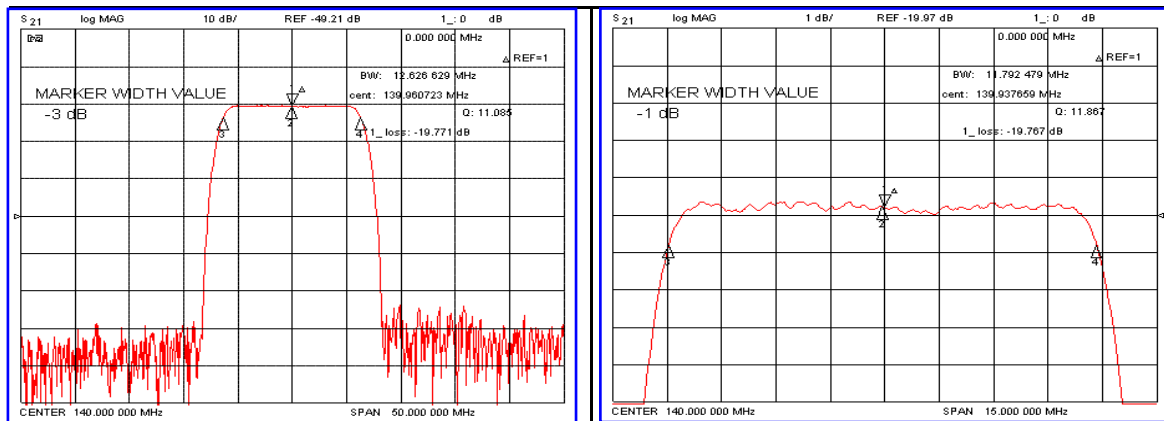


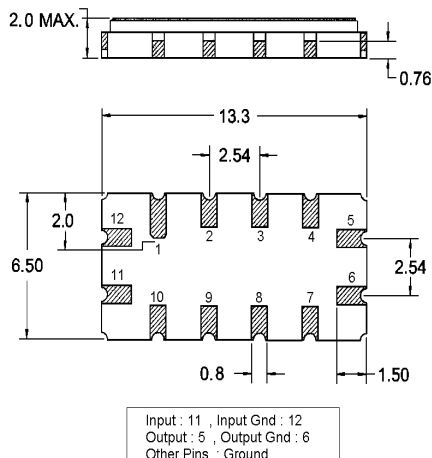
Typical Performance



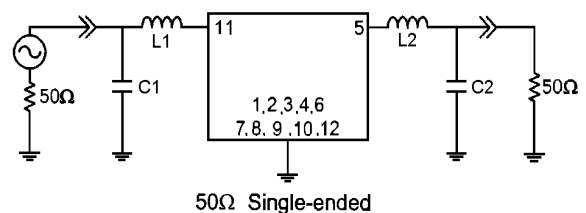
Specification

Parameter	Unit	Min.	Typ.	Max.
Center Frequency (Fc)	MHz	139.80	140.00	140.20
Insertion Loss	dB	-	19.77	22.00
1dB Bandwidth	MHz	-	11.79	-
3dB Bandwidth	MHz	12.30	12.62	-
40dB Bandwidth	MHz	-	16.03	16.20
Passband Ripple	dB	-	0.55	1.00
Group Delay Variation	nsec	-	50	100
Absolute Delay	μsec	-	1.12	-
Ultimate Attenuation	dB	50	55	-
Temperature Coefficient	ppm/°C	-	-86	-
Substrate Material	-	Yz-LiNbO ₃		

Package Dimension



Matching Configuration



L1=39nH, L2=47nH, C1=27pF, C2=10pF
Source / Load Impedance = 50Ω
Ambient Temperature = 25°C

09/14/2006

