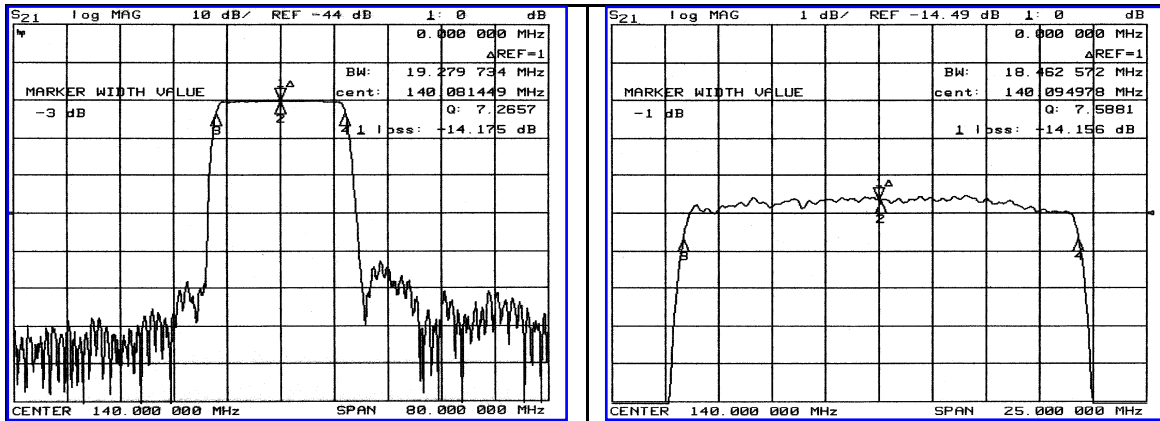


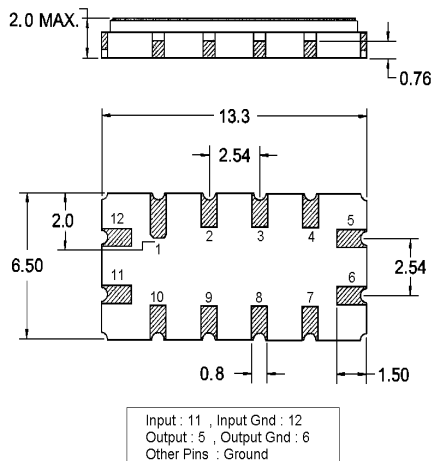
Typical Performance



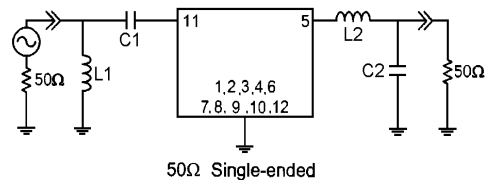
Specification

Parameter	Unit	Min.	Typ.	Max.
Center Frequency	MHz	139.80	140.00	140.20
Insertion Loss	dB	-	15.00	17.00
1dB Bandwidth	MHz	-	18.46	-
3dB Bandwidth	MHz	19.00	19.27	-
40dB Bandwidth	MHz	-	22.74	23.50
Passband Ripple	dB	-	0.55	1.00
Group Delay Variation	nsec	-	50	100
Absolute Delay	μsec	-	0.96	-
Ultimate Attenuation	dB	40	50	-
Substrate Material	-	YZ-LiNbO ₃		
Temperature Coefficient	ppm/°C	-86		

Package Dimension



Matching Configuration



L1=22nH, L2=27nH, C1=130pF, C2=36pF
Source / Load Impedance = 50Ω
Ambient Temperature = 25°C

09/30/2005

