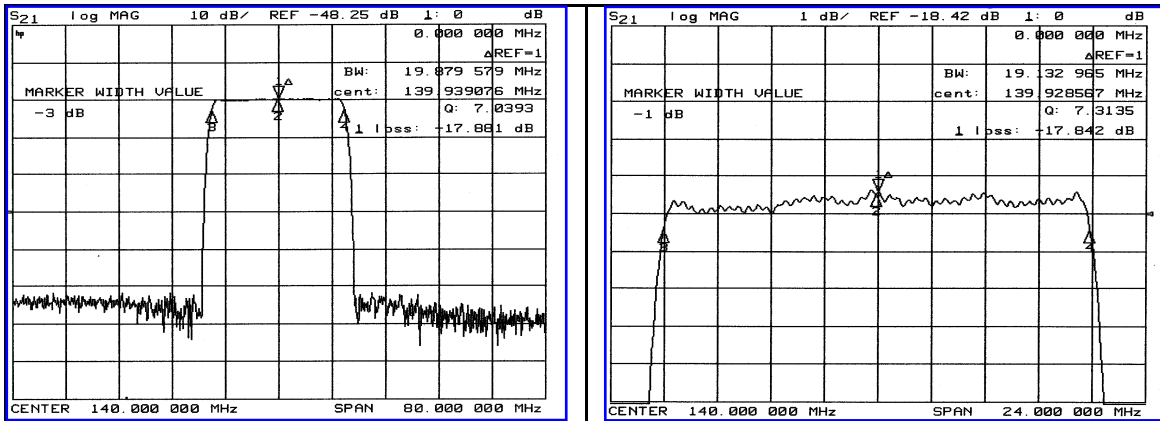


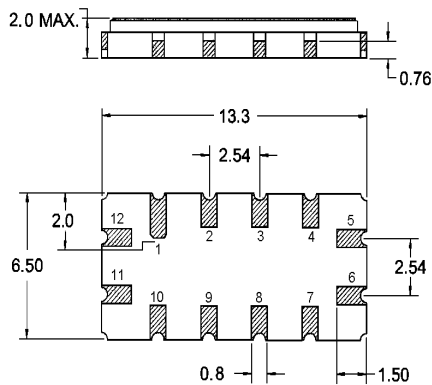
### Typical Performance



### Specification

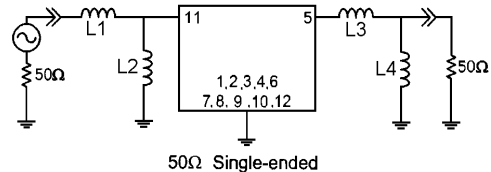
Parameter	Unit	Min.	Typ.	Max.
Center Frequency	MHz	139.80	140.00	140.20
Insertion Loss	dB	-	18.00	20.00
1dB Bandwidth	MHz	-	19.13	-
3dB Bandwidth	MHz	19.70	19.88	-
40dB Bandwidth	MHz	-	22.52	22.80
Passband Ripple	dB	-	0.65	1.00
Group Delay Variation	nsec	-	50	100
Absolute Delay	μsec	-	1.20	-
Ultimate Attenuation	dB	50	55	-
Substrate Material	-	128-LiNbO <sub>3</sub>		
Temperature Coefficient	ppm/°C	-72		

### Package Dimension



Input : 11 , Input Gnd : 12  
Output : 5 , Output Gnd : 6  
Other Pins : Ground

### Matching Configuration



L1=22nH, L2=100nH, L3=18nH, L4=120nH  
Source / Load Impedance = 50Ω  
Ambient Temperature = 25°C

07/18/2005

