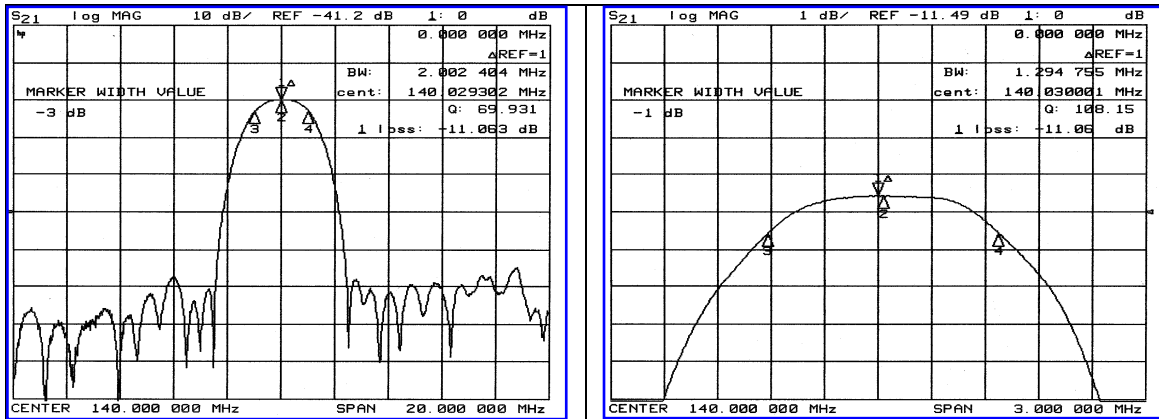


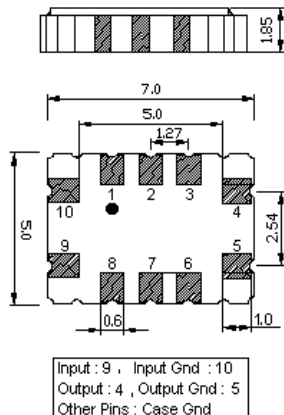
### Typical Performance



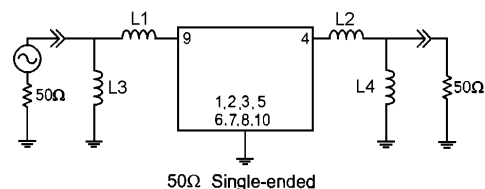
### Specification

Parameter	Unit	Min.	Typ.	Max.
Center Frequency	MHz	139.90	140.00	140.10
Insertion Loss	dB	-	11.00	13.00
1dB Bandwidth	MHz	1.15	1.29	-
3dB Bandwidth	MHz	1.90	2.00	-
30dB Bandwidth	MHz	-	4.32	-
40dB Bandwidth	MHz	-	4.68	5.00
Passband Ripple	dB	-	0.30	1.00
Group Delay Variation	nsec	-	100	200
Absolute Delay	μsec	-	0.7	-
Ultimate Attenuation	dB	40	45	-
Substrate Material	-	Quartz		
Temperature Coefficient	ppm/°C <sup>2</sup>	-0.03		

### Package Dimension



### Matching Configuration



L1=186.8nH, L2=180nH, L3=27nH, L4=24nH  
Source / Load Impedance = 50Ω  
Ambient Temperature = 25°C

04/26/2005

