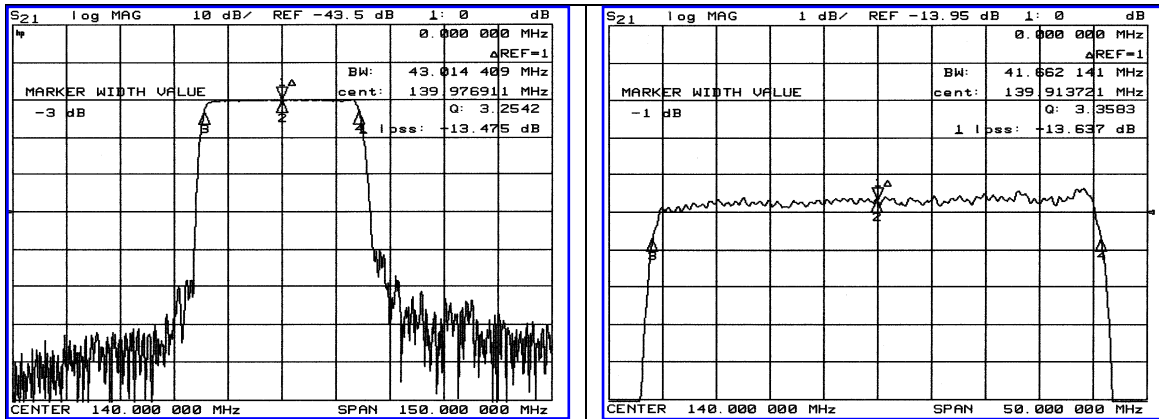


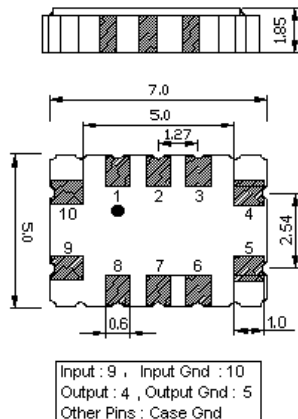
### Typical Performance



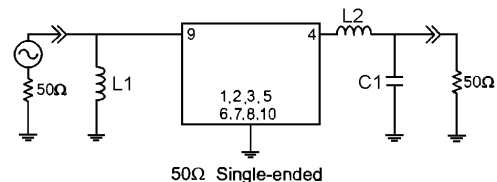
### Specification

Parameter	Unit	Min.	Typ.	Max.
Center Frequency	MHz	139.80	140.00	140.20
Insertion Loss	dB	-	14.00	16.00
1dB Bandwidth	MHz	-	41.66	-
3dB Bandwidth	MHz	42.50	43.00	-
30dB Bandwidth	MHz	-	48.42	-
40dB Bandwidth	MHz	-	49.57	53.00
Passband Ripple (Fo±18.0Mhz)	dB	-	0.55	1.00
Group Delay Variation (Fo±18.0Mhz)	nsec	-	30	50
Absolute Delay	μsec	-	0.6	-
Ultimate Attenuation	dB	40	50	-
Substrate Material	-	YZ-LiNbO <sub>3</sub>		
Temperature Coefficient	ppm/°C	-94		

### Package Dimension



### Matching Configuration



L1=33nH, L2=56nH, C1=11pF  
 Source / Load Impedance = 50Ω  
 Ambient Temperature = 25°C

05/11/2005

