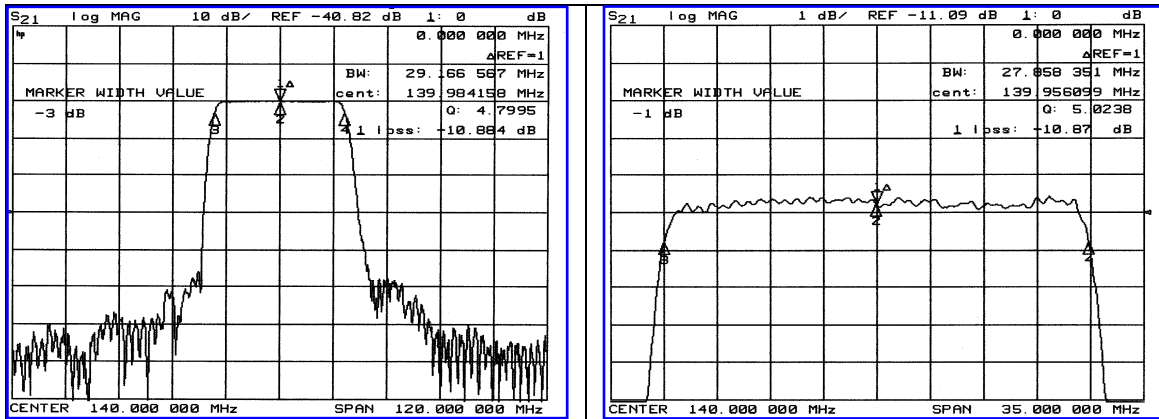


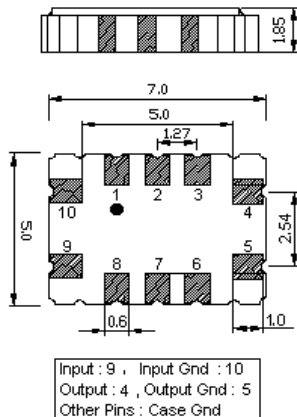
Typical Performance



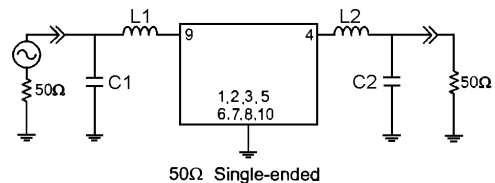
Specification

Parameter	Unit	Min.	Typ.	Max.
Center Frequency	MHz	139.80	140.00	140.20
Insertion Loss	dB	-	11.00	13.00
1dB Bandwidth	MHz	-	27.85	-
3dB Bandwidth	MHz	28.50	29.16	-
30dB Bandwidth	MHz	-	34.62	-
40dB Bandwidth	MHz	-	36.39	40.00
Passband Ripple (Fo±12.8Mhz)	dB	-	0.55	1.00
Group Delay Variation (Fo±12.8Mhz)	nsec	-	30	50
Absolute Delay	μsec	-	0.6	-
Ultimate Attenuation	dB	40	50	-
Substrate Material	-	YZ-LiNbO ₃		
Temperature Coefficient	ppm/°C	-94		

Package Dimension



Matching Configuration



L1=56nH, L2=68nH, C1=18pF, C2=36pF
 Source / Load Impedance = 50Ω
 Ambient Temperature = 25°C

05/11/2005

