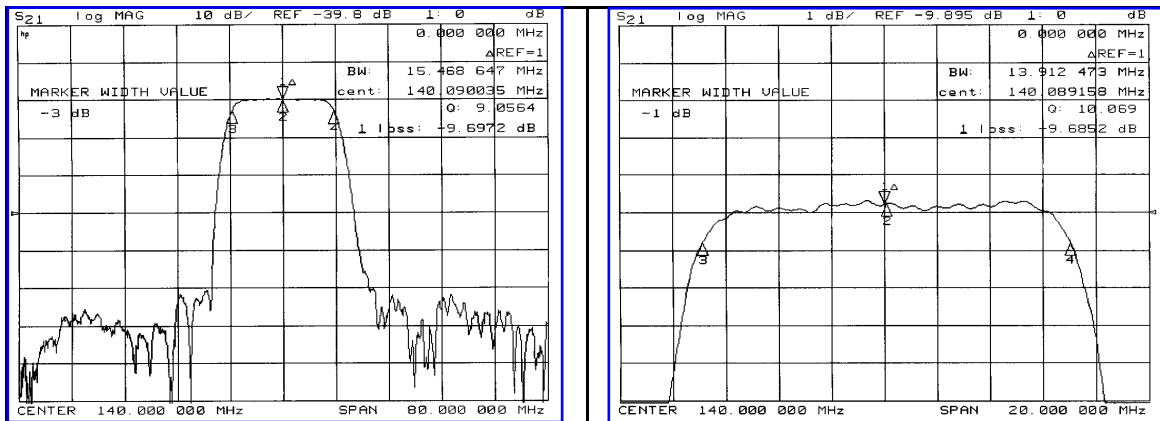


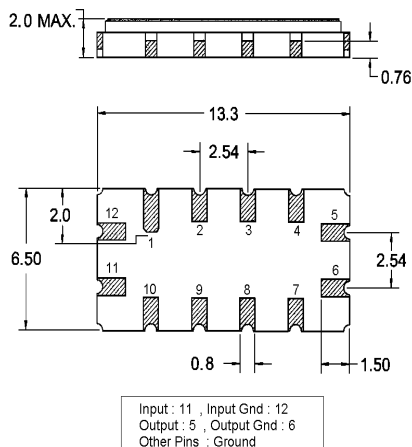
Typical Performance



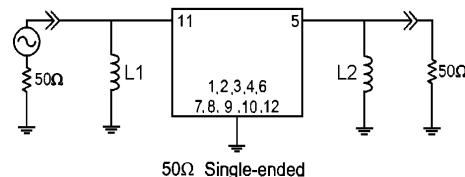
Specification

Parameter	Unit	Min.	Typ.	Max.
Center Frequency	MHz	139.85	140.00	140.15
Insertion Loss	dB	-	10.00	12.00
1dB Bandwidth	MHz	-	13.91	-
3dB Bandwidth	MHz	15.00	15.46	-
40dB Bandwidth	MHz	-	22.09	23.00
Passband Ripple	dB	-	0.55	1.00
Group Delay Variation	nsec	-	50	100
Absolute Delay	µsec	-	0.58	-
Ultimate Attenuation	dB	40	50	-
Substrate Material	-	YZ-LiNbO ₃		
Temperature Coefficient	ppm/°C	-86		

Package Dimension



Matching Configuration



L1=120nH, L2=150nH
Source / Load Impedance = 50Ω
Ambient Temperature = 25°C

03/08/2006

