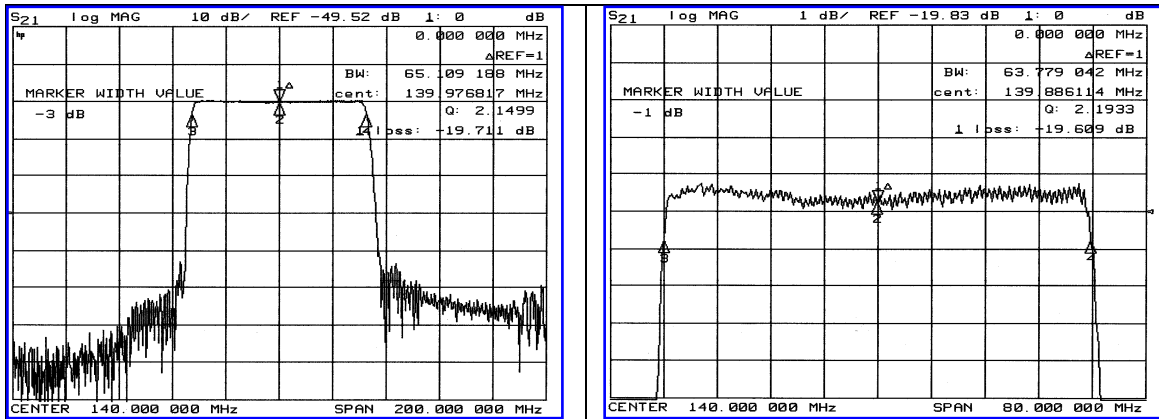


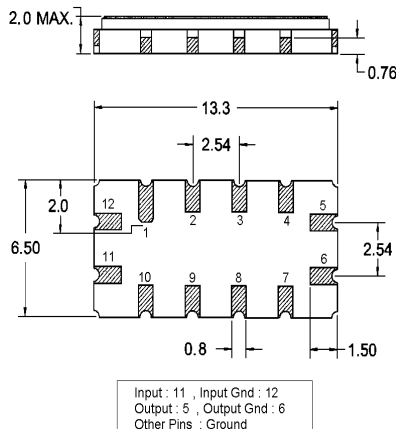
Typical Performance



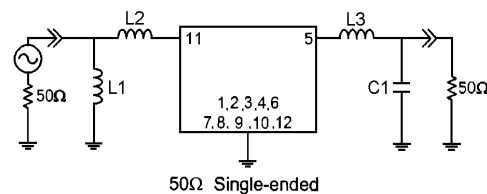
Specification

Parameter	Unit	Min.	Typ.	Max.
Center Frequency	MHz	139.80	140.00	140.20
Insertion Loss	dB	-	20.00	22.00
1dB Bandwidth	MHz	-	63.78	-
3dB Bandwidth	MHz	64.50	65.10	-
40dB Bandwidth	MHz	-	72.00	72.50
50dB Bandwidth	MHz	-	-	-
Passband Ripple	dB	-	0.85	1.50
Group Delay Variation	nsec	-	20	50
Absolute Delay	µsec	-	0.7	-
Ultimate Attenuation	dB	40	50	-
Substrate Material	-	YZ-LiNbO ₃		
Temperature Coefficient	ppm/°C	-94		

Package Dimension



Matching Configuration



L1=27nH, L2=1.5nH, L3=27nH, C1=43pF
Source / Load Impedance = 50Ω
Ambient Temperature = 25°C

01/17/2006

