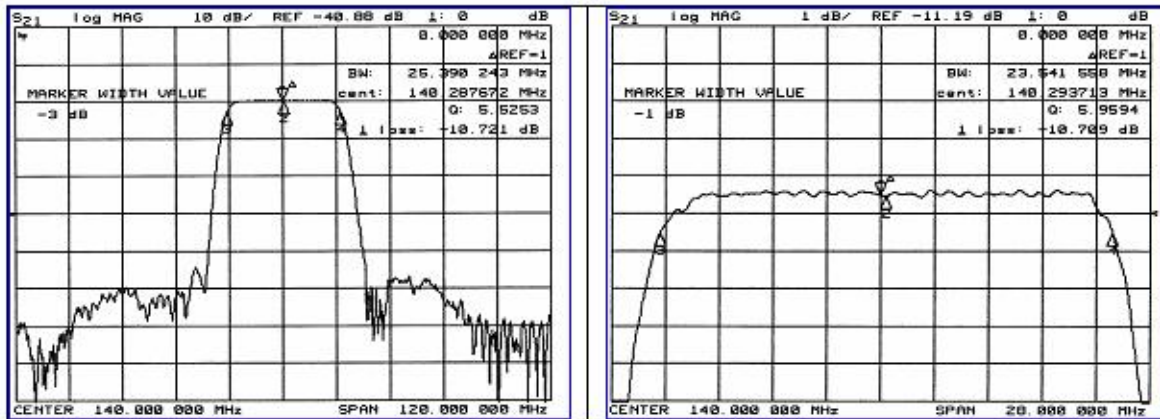


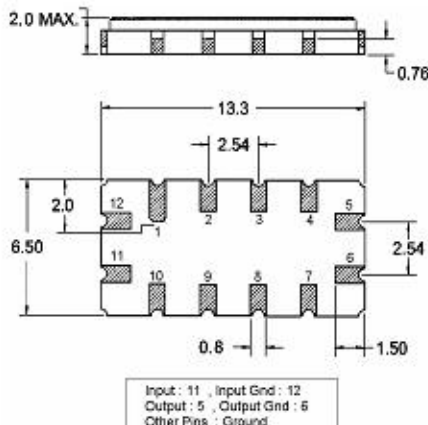
Typical Performance



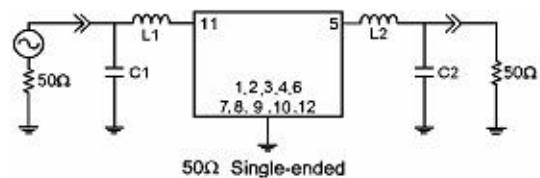
Specification

Parameter	Unit	Min.	Typ.	Max.
Center Frequency	Mhz	139.70	140.00	140.30
Insertion Loss	dB	-	11.00	13.00
1dB Bandwidth	Mhz	-	23.54	-
3dB Bandwidth	Mhz	25.00	25.40	-
40dB Bandwidth	Mhz	-	34.63	35.00
Passband Ripple	dB	-	0.65	1.00
Group Delay Variation	nsec	-	50	100
Absolute Delay	µsec	-	0.5	-
Ultimate Attenuation	dB	40	45	-
Substrate Material	-	YZ-LiNbO ₃		
Temperature Coefficient	ppm/°C	-94		

Package Dimension



Matching Configuration



L1=82nH, L2=82nH, C1=7pF, C2=7pF
Source / Load Impedance = 50Ω
Ambient Temperature = 25°C

03/03/2005