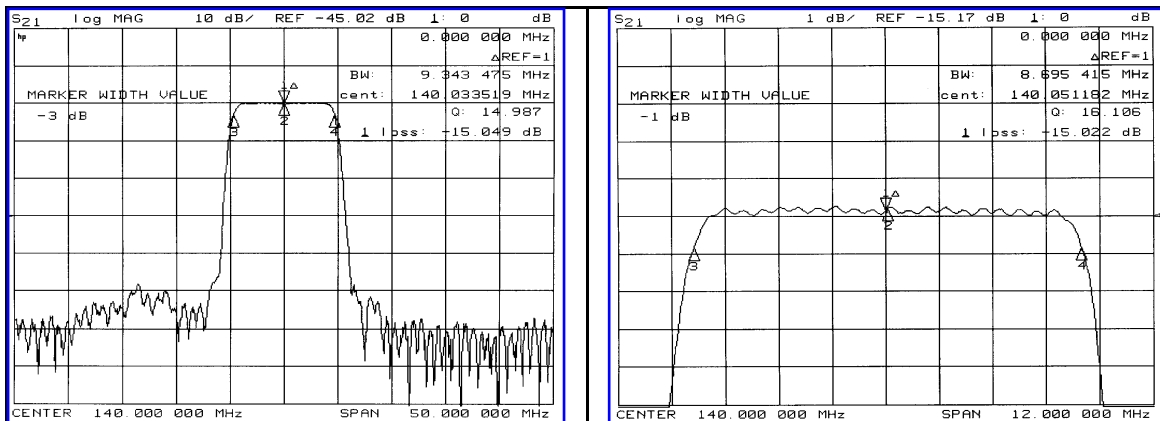


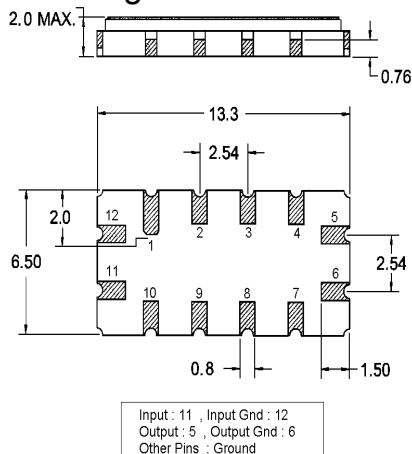
Typical Performance



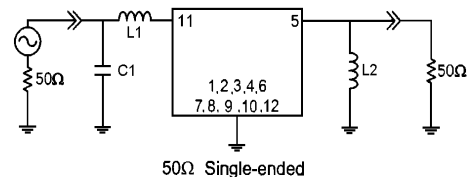
Specification

Parameter	Unit	Min.	Typ.	Max.
Center Frequency	MHz	139.85	140.00	140.15
Insertion Loss	dB	-	15.00	17.00
1dB Bandwidth	MHz	-	8.69	-
3dB Bandwidth	MHz	9.00	9.34	-
40dB Bandwidth	MHz	-	11.88	12.50
Passband Ripple	dB	-	0.45	1.00
Group Delay Variation	nsec	-	50	100
Absolute Delay	µsec	-	1.21	-
Ultimate Attenuation	dB	40	50	-
Substrate Material	-	LiTaO ₃		
Temperature Coefficient	ppm/°C	-20		

Package Dimension



Matching Configuration



L1=56nH, L2=33nH, C1=43pF
Source / Load Impedance = 50Ω
Ambient Temperature = 25°C

03/23/2006

