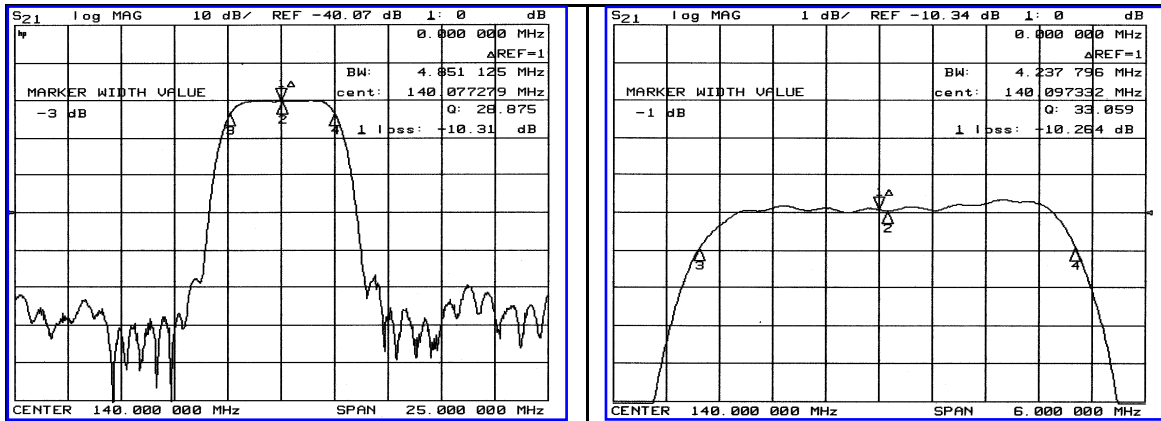


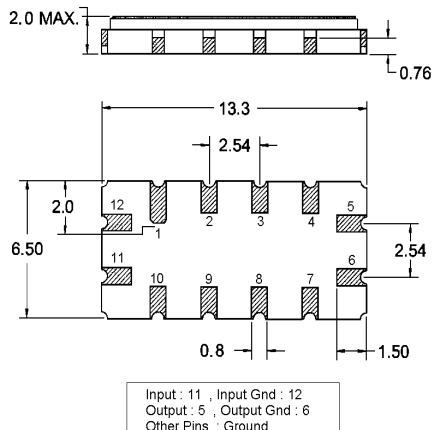
Typical Performance



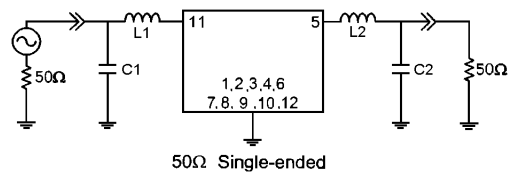
Specification

Parameter	Unit	Min.	Typ.	Max.
Center Frequency	Mhz	139.85	140.00	140.15
Insertion Loss	dB	-	10.50	13.00
1dB Bandwidth	Mhz	-	4.23	-
3dB Bandwidth	Mhz	4.50	4.85	-
40dB Bandwidth	Mhz	-	7.30	7.80
Phase Linearity	deg	-	7	10
Passband Ripple	dB	-	0.45	1.00
Group Delay Variation	nsec	-	50	100
Absolute Delay	µsec	-	1.0	-
Ultimate Attenuation	dB	40	50	-
Substrate Material	-	LiTaO ₃		
Temperature Coefficient	ppm/°C	-20		

Package Dimension



Matching Configuration



L1=68nH, L2=56nH, C1=33pF, C2=39pF
 Source / Load Impedance = 50Ω
 Ambient Temperature = 25°C

04/21/2005

