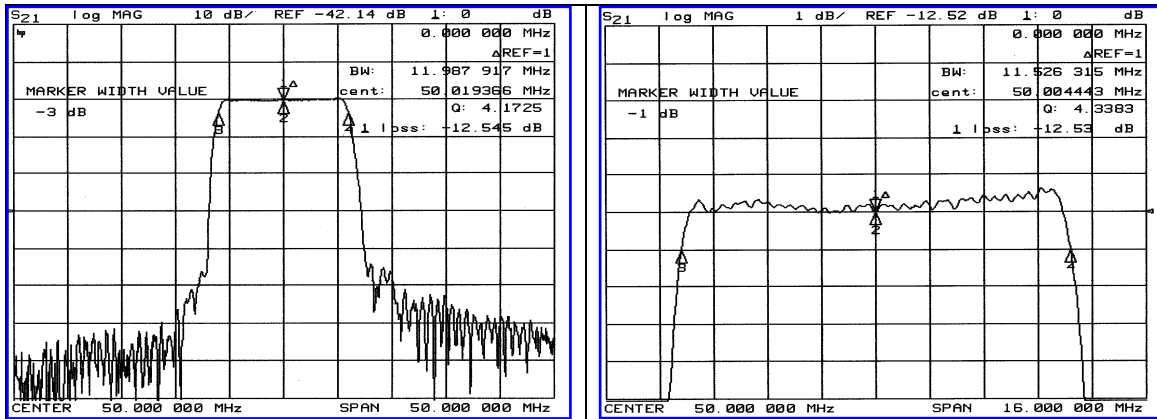


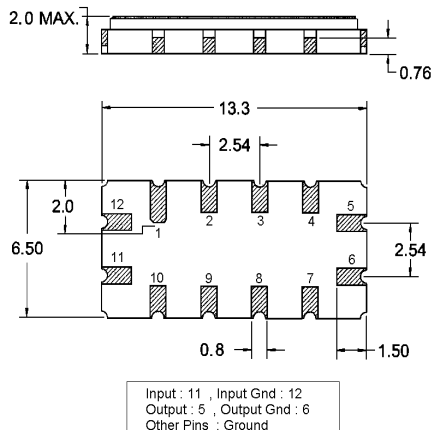
Typical Performance



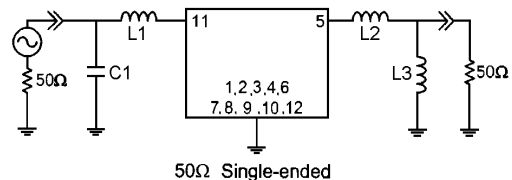
Specification

Parameter	Unit	Min.	Typ.	Max.
Center Frequency	Mhz	49.92	50.00	50.08
Insertion Loss	dB	-	12.50	14.00
1dB Bandwidth	Mhz	11.25	11.52	-
3dB Bandwidth	Mhz	11.50	11.98	-
40dB Bandwidth	Mhz	-	14.46	15.00
50dB Bandwidth	Mhz	-	-	-
Passband Ripple	dB	-	0.65	1.00
Group Delay Variation	nsec	-	50	100
Absolute Delay	μsec	-	1.5	-
Ultimate Attenuation	dB	40	50	-
Substrate Material	-	YZ-LiNbO ₃		
Temperature Coefficient	ppm/°C	-86		

Package Dimension



Matching Configuration



L1=0.22μH, L2=68nH, L3=270nH, C1=91pF
Source / Load Impedance = 50Ω
Ambient Temperature = 25°C

02/25/2005

