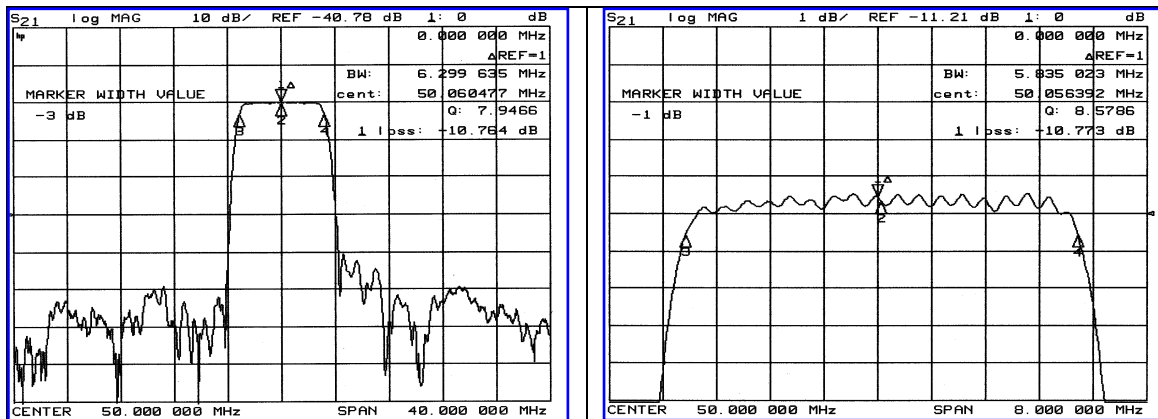


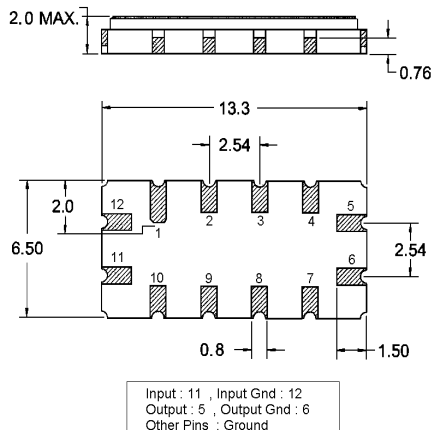
Typical Performance



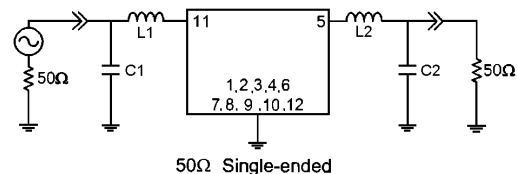
Specification

Parameter	Unit	Min.	Typ.	Max.
Center Frequency	Mhz	49.92	50.00	50.08
Insertion Loss	dB	-	10.50	12.00
1dB Bandwidth	Mhz	5.65	5.83	-
3dB Bandwidth	Mhz	6.00	6.29	-
40dB Bandwidth	Mhz	-	8.18	8.40
50dB Bandwidth	Mhz	-	-	-
Passband Ripple	dB	-	0.65	1.00
Group Delay Variation	nsec	-	100	200
Absolute Delay	μsec	-	1.6	-
Ultimate Attenuation	dB	40	50	-
Substrate Material	-	YZ-LiNbO ₃		
Temperature Coefficient	ppm/°C	-86		

Package Dimension



Matching Configuration



L1=180nH, L2=270nH, C1=C2=82pF
Source / Load Impedance = 50Ω
Ambient Temperature = 25°C

03/15/2005

