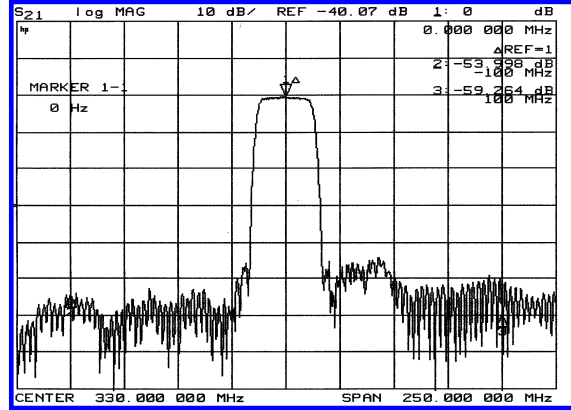
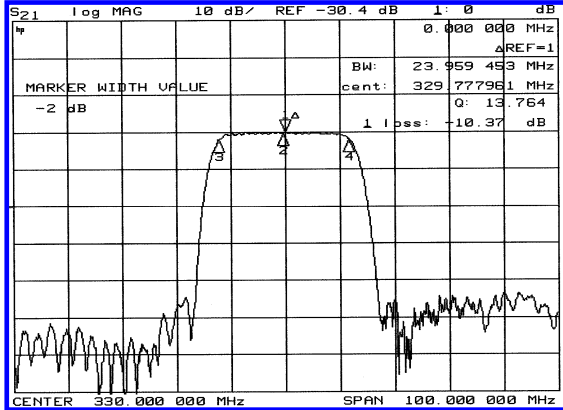


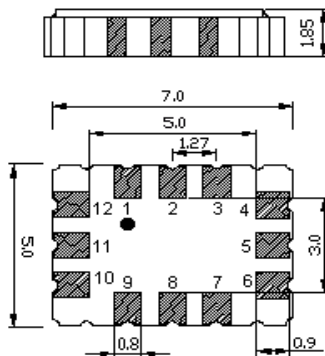
### Typical Performance



### Specification

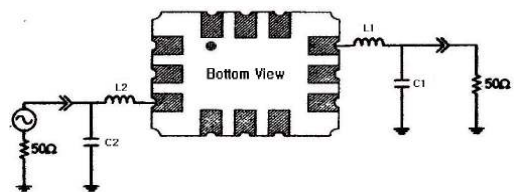
Parameter	Unit	Min.	Typ.	Max.
Center Frequency	Mhz	-	330.0	-
Insertion Loss	dB	-	10.5	12.0
2dB Bandwidth	Mhz	22.00	23.95	-
Amplitude Ripple				
$F_0 \pm 9.0\text{Mhz}$	dB	-	-	1.0
Relative attenuation				
at - (100.0~22.0)Mhz	dB	40.0	52.0	-
at - (22.0~16.5)Mhz	dB	33.0	40.0	-
at + (16.5~22.0)Mhz	dB	33.0	40.0	-
at + (22.0~100.0)Mhz	dB	40.0	45.0	-
Group Delay variation	nsec	-	50	100
Substrate Material	-	YZ-LiNbO <sub>3</sub>		
Operating Temperature Range	°C	-20 ~ +75		

### Package Dimension



10: Input, 12: Input Gnd  
 4: Output, 6: Output Gnd  
 1,2,3,5,7,8,9,11: Case Gnd

### Matching Configuration



L1=8.2nH, L2=12nH, C1=12pF, C2=13pF  
 Source / Load Impedance = 50Ω  
 Ambient Temperature = 25°C

06/23/2004