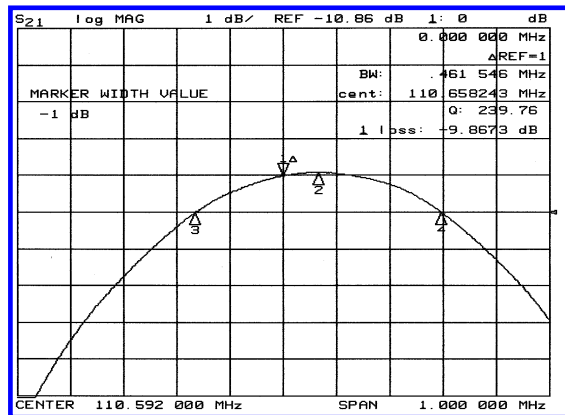
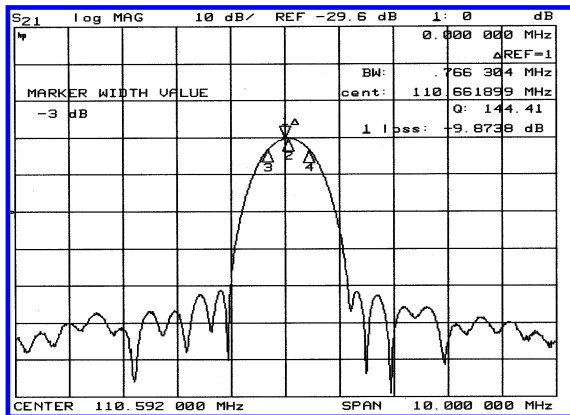


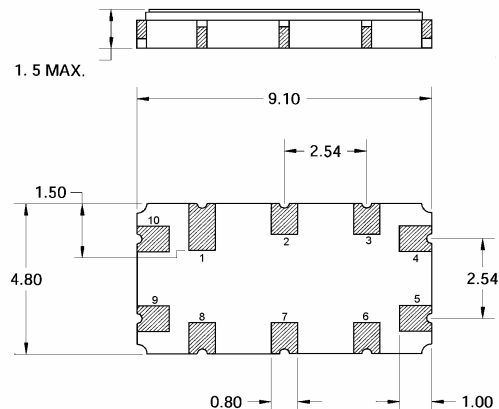
### Typical Performance



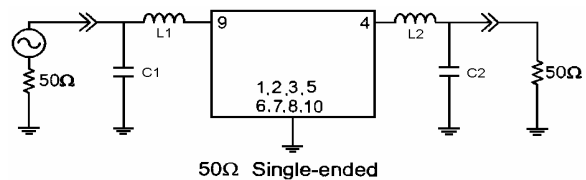
### Specification

Parameter	Unit	Min.	Typ.	Max.
Center Frequency	Mhz	110.49	110.59	110.69
Insertion Loss	dB	-	10.0	12.0
1dB Bandwidth	Mhz	0.40	0.46	-
3dB Bandwidth	Mhz	0.70	0.76	-
30dB Bandwidth	Mhz	-	2.00	2.30
Passband Ripple	dB	-	0.55	1.00
Absolute Delay	µsec	-	1.1	-
Group Delay Variation	nsec	-	80	150
Ultimate Attenuation	dB	35.0	40.0	-
Substrate Material	-	Quartz		
Temperature Coefficient	ppm/°C <sup>2</sup>	-0.03		

### Package Dimension



### Matching Configuration



L1=167nH, L2=165nH, C1=39pF, C2=51pF  
Source / Load Impedance = 50Ω  
Ambient Temperature = 25°C

Typical Performance

