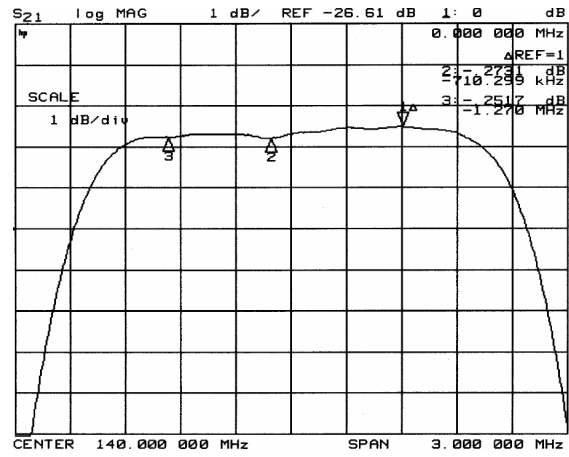
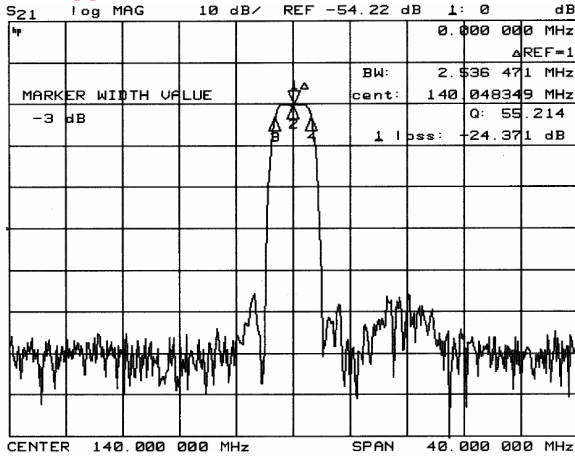


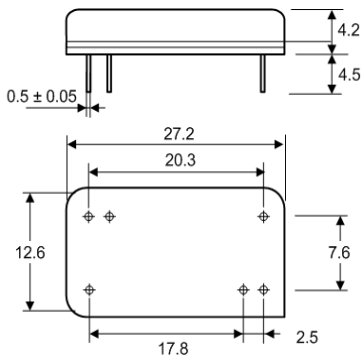
### Typical Performance



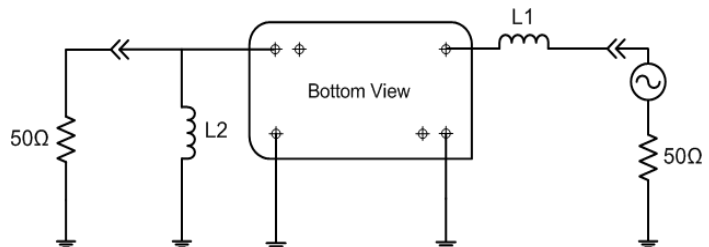
### Specification

Index	Unit	Min	Typical	Max
Center Frequency	MHz	139.85	140.00	140.15
Insertion Loss	dB	-	24.5	26.0
1 dB Bandwidth	MHz	-	-	-
3 dB Bandwidth	MHz	2.30	2.55	-
40 dB Bandwidth	MHz	-	3.90	4.20
Passband Ripple	dB	-	0.45	0.80
Group Delay Variation	nsec	-	50	120
Absolute Delay	µsec	-	1.85	-
Ultimate Rejection	dB	45	50	-
Substrate Material	-	Quartz		
Temperature Coefficient	ppm/°C	-0.03		
Package	mm	20		

### Package Dimension



### Matching Configuration



L1=22nH, L2=47nH  
Source / Load Impedance = 50Ω  
Ambient Temperature = 25°C