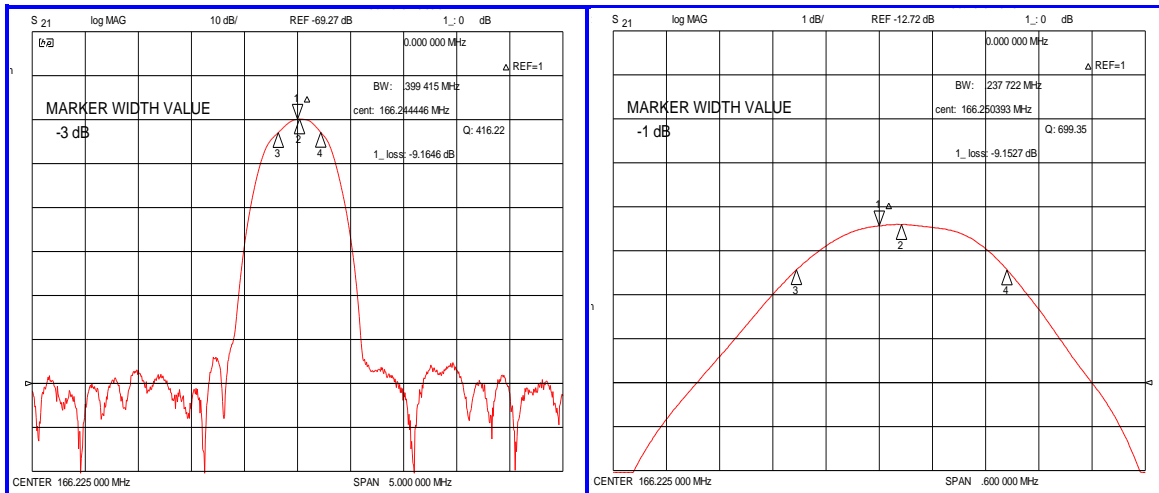


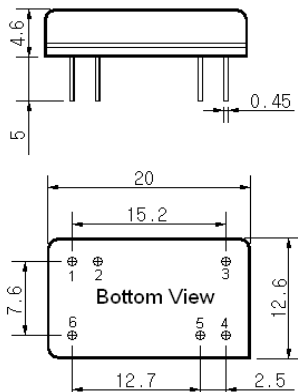
### Typical Performance



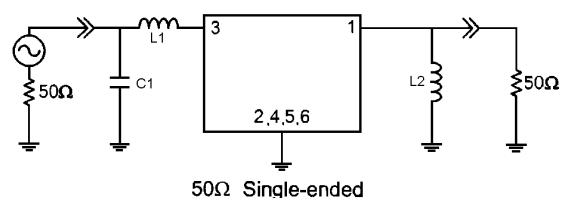
### Specification

Parameter	Unit	Min.	Typ.	Max.
Center Frequency	MHz	166.145	166.225	166.305
Insertion Loss	dB	-	9.20	11.00
1dB Bandwidth	MHz	0.18	0.23	-
3dB Bandwidth	MHz	-	0.39	-
30dB Bandwidth	MHz	-	1.02	1.10
40dB Bandwidth	MHz	-	1.12	1.30
Attenuation	dB	50	55	-
Passband Ripple	dB	-	0.65	1.00
Group Delay Variation	nsec	-	70	150
Absolute Delay	µsec	-	2.4	-
Substrate Material	-	Quartz		
Temperature Coefficient	ppm/°C	-0.03		

### Package Dimension

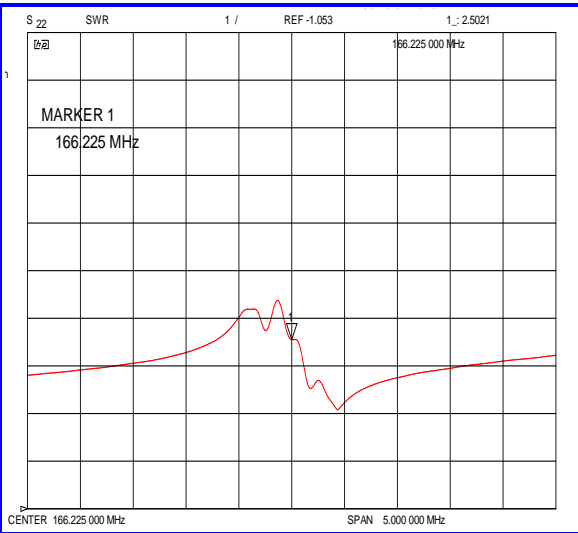
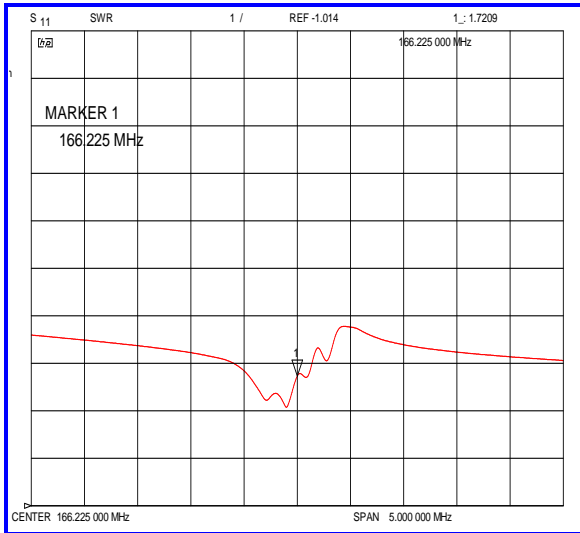
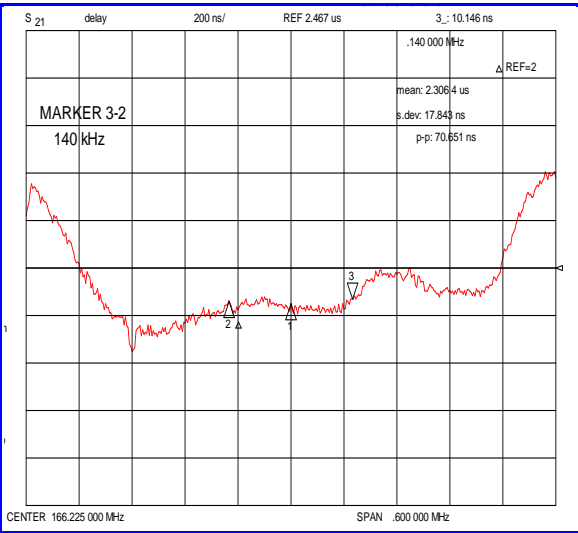
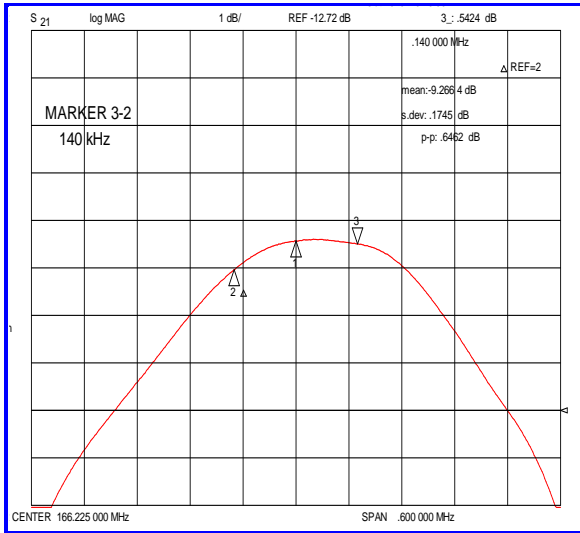
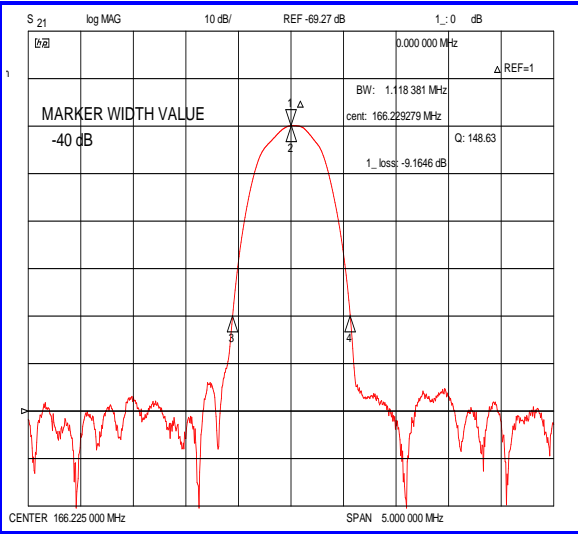
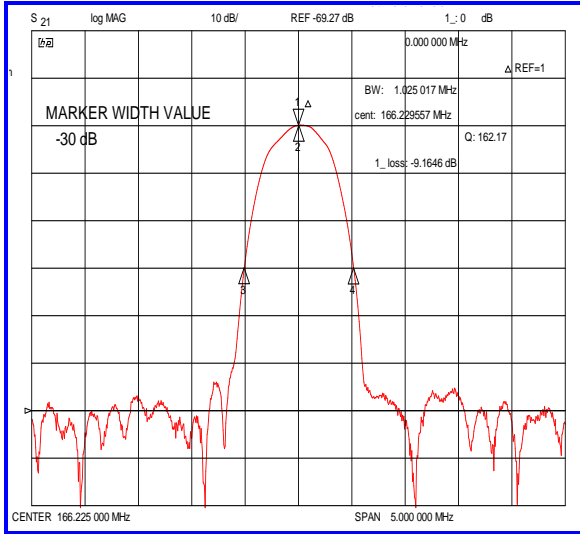


### Matching Configuration



L1=33nH, L2=12nH, C1=36pF  
 Source / Load Impedance = 50Ω  
 Ambient Temperature = 25°C

Rev0. 151023



[www.ctech.co.kr](http://www.ctech.co.kr)