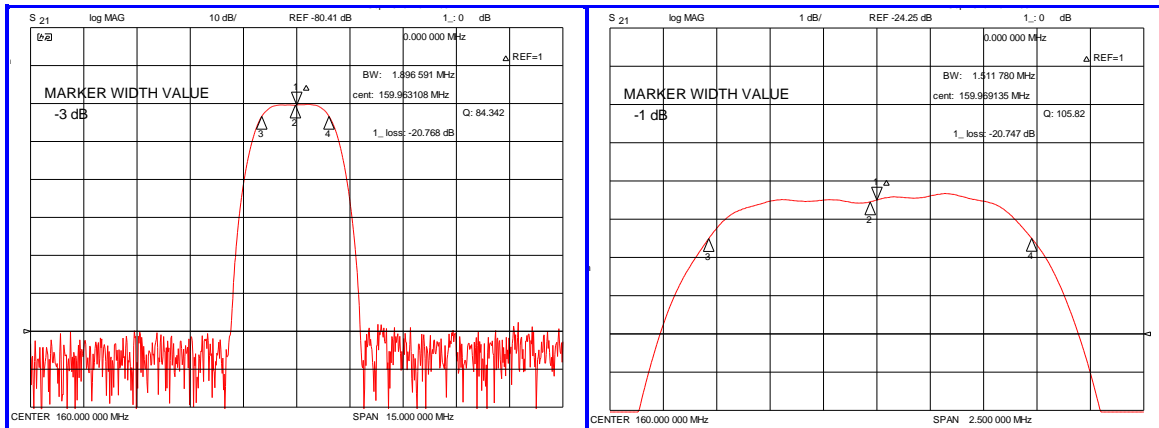


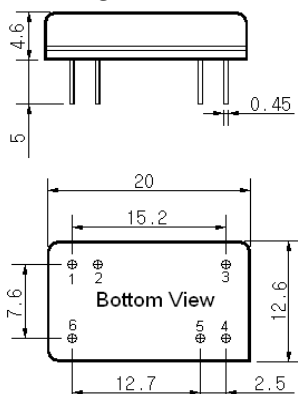
### Typical Performance



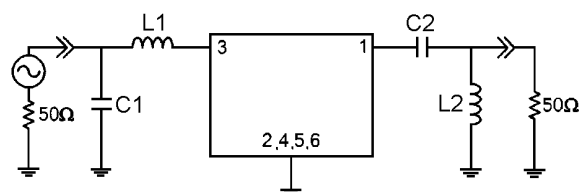
### Specification

Parameter	Unit	Min.	Typ.	Max.
Center Frequency	MHz	159.85	160.00	160.15
Insertion Loss	dB	-	21.00	23.00
1dB Bandwidth	MHz	1.30	1.50	-
3dB Bandwidth	MHz	1.60	1.85	-
40dB Bandwidth	MHz	-	3.40	3.50
50dB Bandwidth	MHz	-	3.55	3.70
Attenuation		-	-	-
100 ~ 156.3MHz	dB	50	55	-
163.7 ~ 167.9MHz		50	55	-
168 ~ 172MHz		50	55	-
172 ~ 200MHz		50	55	-
Passband Ripple	dB	-	0.40	1.00
Group Delay Variation	nsec	-	80	150
Absolute Delay	µsec	-	1.95	-
Substrate Material	-	Quartz		
Temperature Coefficient	ppm/°C	-0.03		

### Package Dimension



### Matching Configuration



50Ω Single-ended

L1=47nH, L2=56nH, C1=33pF, C2=75pF

Source / Load Impedance = 50Ω

Ambient Temperature = 25°C

Rev0. 150923

