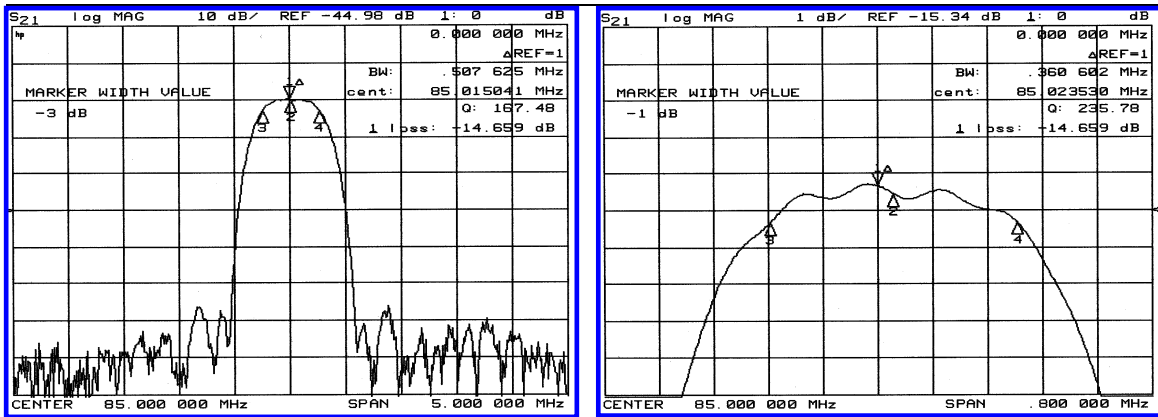


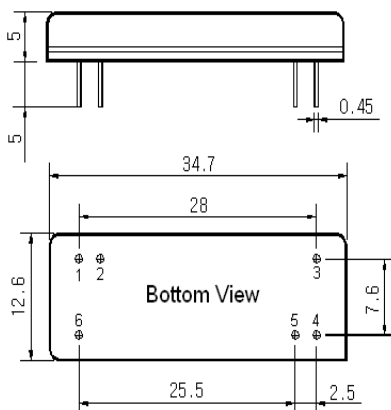
### Typical Performance



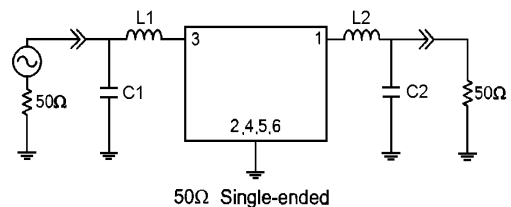
### Specification

Parameter	Unit	Min.	Typ.	Max.
Center Frequency	Mhz	84.95	85.00	85.05
Insertion Loss	dB	-	14.65	16.00
1dB Bandwidth	Mhz	0.30	0.36	-
3dB Bandwidth	Mhz	0.49	0.507	-
40dB Bandwidth	Mhz	-	1.03	1.20
50dB Bandwidth	Mhz	-	1.08	-
Passband Ripple	dB	-	0.65	1.00
Group Delay Variation	nsec	-	500	800
Absolute Delay	μsec	-	3.2	-
Ultimate Attenuation	dB	50	55	-
Substrate Material	-	Quartz		
Temperature Coefficient	ppm/°C <sup>2</sup>	-0.03		

### Package Dimension



### Matching Configuration



L1 = L2 = 100nH, C1 = C2 = 43pF  
 Source / Load Impedance = 50Ω  
 Ambient Temperature = 25°C

03/18/2005

