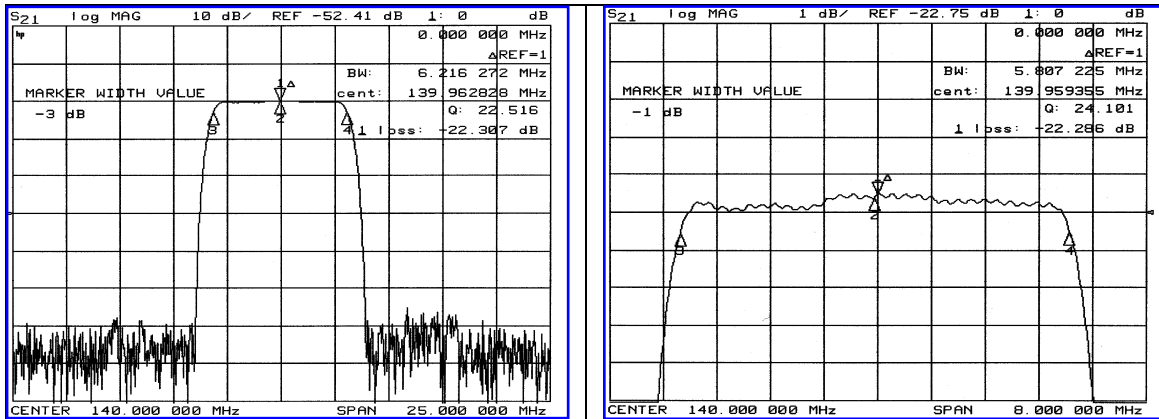


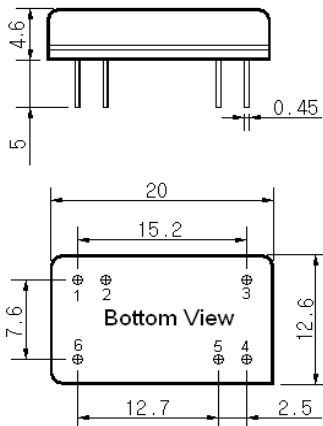
### Typical Performance



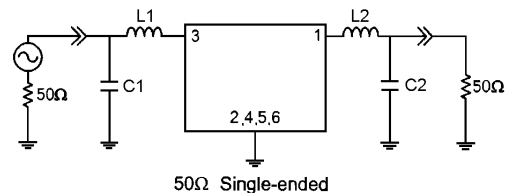
### Specification

Parameter	Unit	Min.	Typ.	Max.
Center Frequency	Mhz	139.85	140.00	140.15
Insertion Loss	dB	-	23.00	24.50
1dB Bandwidth	Mhz	5.50	5.80	-
3dB Bandwidth	Mhz	6.00	6.21	-
40dB Bandwidth	Mhz	-	7.66	8.00
50dB Bandwidth	Mhz	-	7.80	-
Passband Ripple	dB	-	0.55	1.00
Group Delay Variation	nsec	-	80	150
Absolute Delay	µsec	-	2.6	-
Ultimate Attenuation	dB	50	60	-
Substrate Material	-	LiTaO <sub>3</sub>		
Temperature Coefficient	ppm/°C	-20		

### Package Dimension



### Matching Configuration



L1=33nH, L2=33nH, C1=62pF, C2=51pF  
 Source / Load Impedance = 50Ω  
 Ambient Temperature = 25°C

02/04/2005

