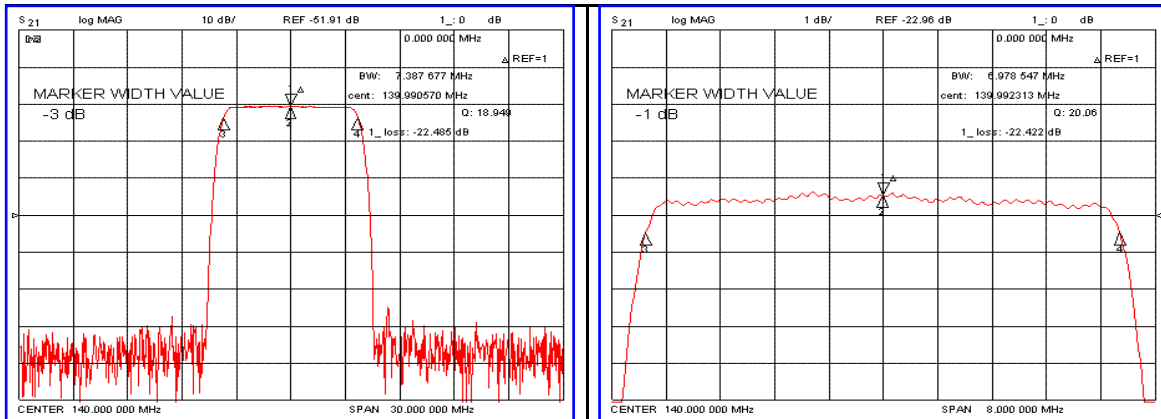


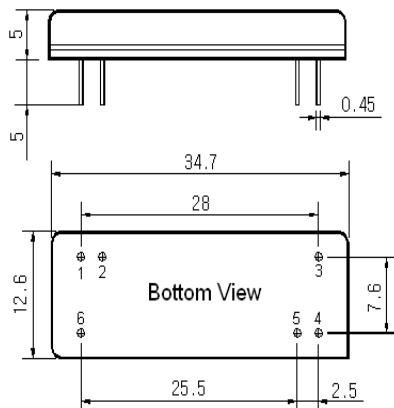
Typical Performance



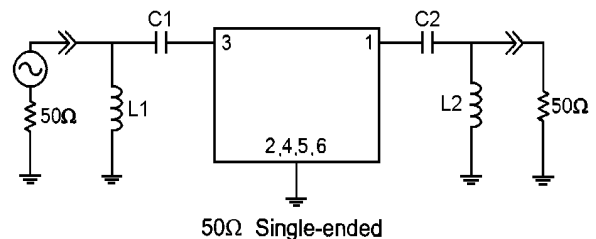
Specification

Parameter	Unit	Min.	Typ.	Max.
Center Frequency (Fc)	MHz	139.85	140.00	140.15
Insertion Loss	dB	-	22.5	24.5
1dB Bandwidth	MHz	6.50	6.97	-
3dB Bandwidth	MHz	7.00	7.38	-
40dB Bandwidth	MHz	-	8.95	9.30
Passband Ripple	dB	-	0.60	1.00
Group Delay Variation	nsec	-	70	120
Absolute Delay	μsec	-	3.00	-
Ultimate Attenuation	dB	50	58	-
Substrate Material	-	LiTaO ₃		
Temperature Coefficient	ppm/°C	-20		

Package Dimension



Matching Configuration



L1=39nH, L2=39nH, C1=68pF, C2=68pF
 Source / Load Impedance = 50Ω
 Ambient Temperature = 25°C

10/20/2006

