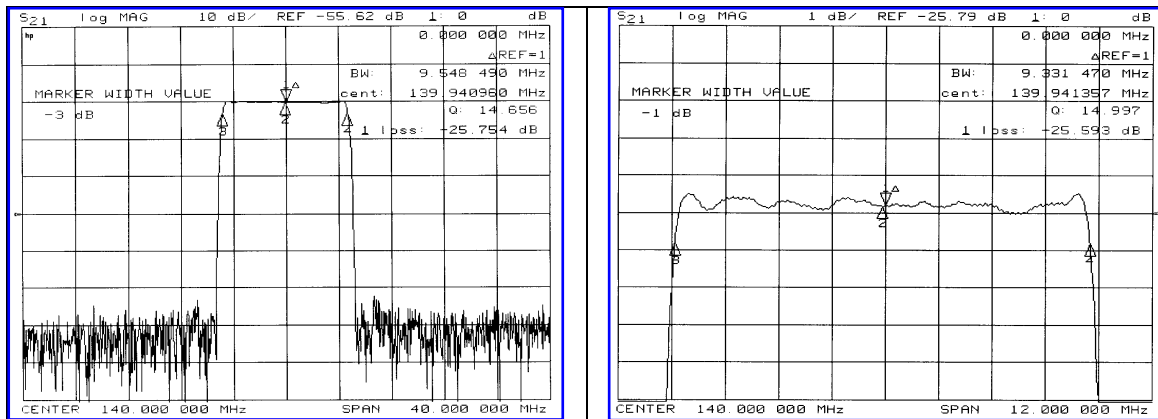


Typical Performance



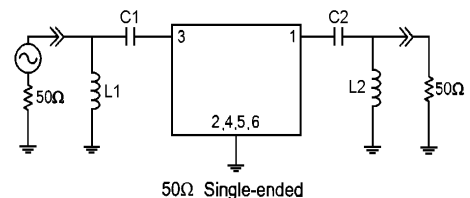
Specification

Parameter	Unit	Min.	Typ.	Max.
Center Frequency	MHz	139.85	140.00	140.15
Insertion Loss	dB	-	25.50	27.00
1dB Bandwidth	MHz	-	9.33	-
15dB Bandwidth	MHz	-	10.05	-
25dB Bandwidth	MHz	-	10.24	-
40dB Bandwidth	MHz	-	10.42	-
Passband Ripple	dB	-	0.65	1.00
Group Delay Variation	nsec	-	100	200
Absolute Delay	μsec	-	4.05	-
Ultimate Attenuation	dB	50	53	-
Substrate Material	-	LiTaO ₃		
Temperature Coefficient	ppm/°C	-20		

Package Dimension



Matching Configuration



L1=L2=22nH, C1=300pF, C2=270pF
 Source / Load Impedance = 50Ω
 Ambient Temperature = 25°C

06/07/2006

