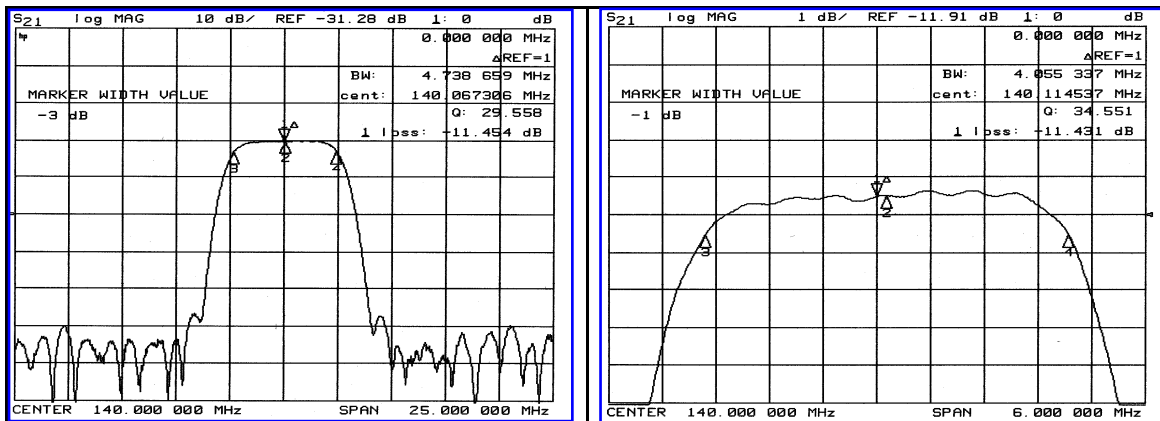


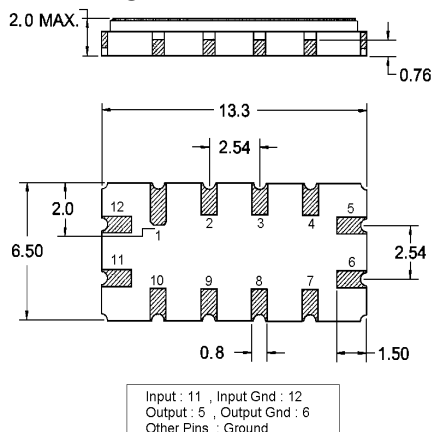
Typical Performance



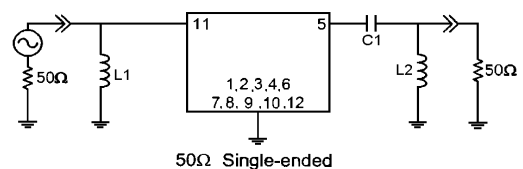
Specification

Parameter	Unit	Min.	Typ.	Max.
Center Frequency	Mhz	139.85	140.00	140.15
Insertion Loss	dB	-	11.50	13.00
1dB Bandwidth	Mhz	-	4.05	-
3dB Bandwidth	Mhz	4.50	4.73	-
40dB Bandwidth	Mhz	-	7.46	8.00
50dB Bandwidth	Mhz	-	-	-
Passband Ripple	dB	-	0.55	1.00
Group Delay Variation	nsec	-	50	200
Absolute Delay	µsec	-	1.0	-
Ultimate Attenuation	dB	40	50	-
Substrate Material	-	LiTaO ₃		
Temperature Coefficient	ppm/°C	-20		

Package Dimension



Matching Configuration



L1=27nH, L2=39nH, C1=180pF
 Source / Load Impedance = 50Ω
 Ambient Temperature = 25°C

01/22/2005

