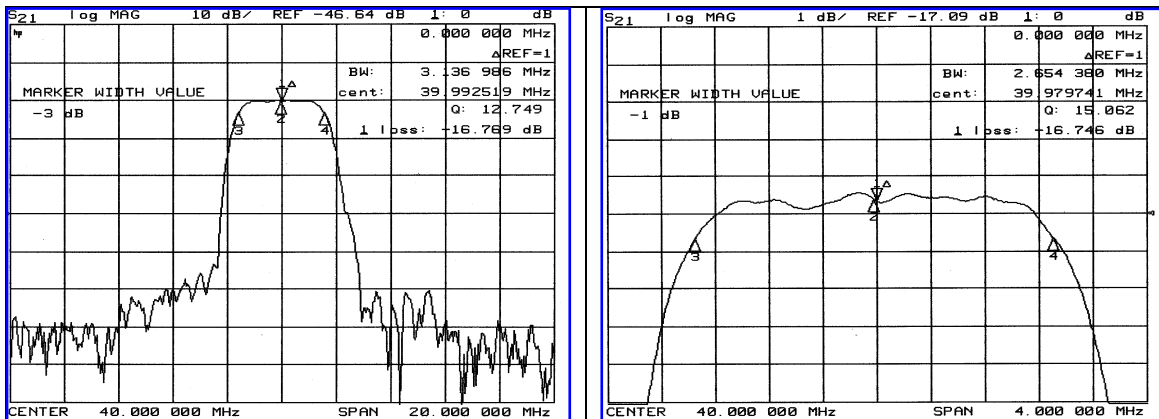


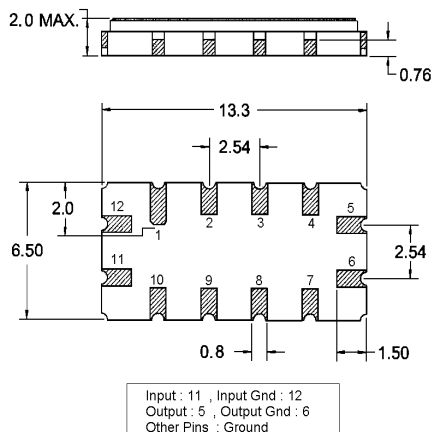
Typical Performance



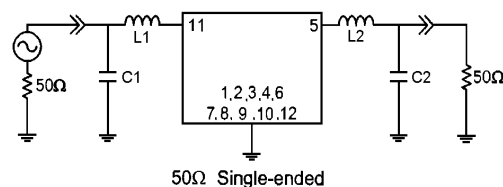
Specification

Parameter	Unit	Min.	Typ.	Max.
Center Frequency	Mhz	39.94	40.00	40.06
Insertion Loss	dB	-	16.50	18.00
1dB Bandwidth	Mhz	2.50	2.65	-
3dB Bandwidth	Mhz	3.00	3.13	-
40dB Bandwidth	Mhz	-	5.04	5.50
50dB Bandwidth	Mhz	-	-	-
Passband Ripple	dB	-	0.65	1.00
Group Delay Variation	nsec	-	50	100
Absolute Delay	µsec	-	1.6	-
Ultimate Attenuation	dB	40	50	-
Substrate Material	-	LiTaO ₃		
Temperature Coefficient	ppm/°C	-20		

Package Dimension



Matching Configuration



L1 = L2 = 470nH, C1=C2=130pF
 Source / Load Impedance = 50Ω
 Ambient Temperature = 25°C

01/11/2005

