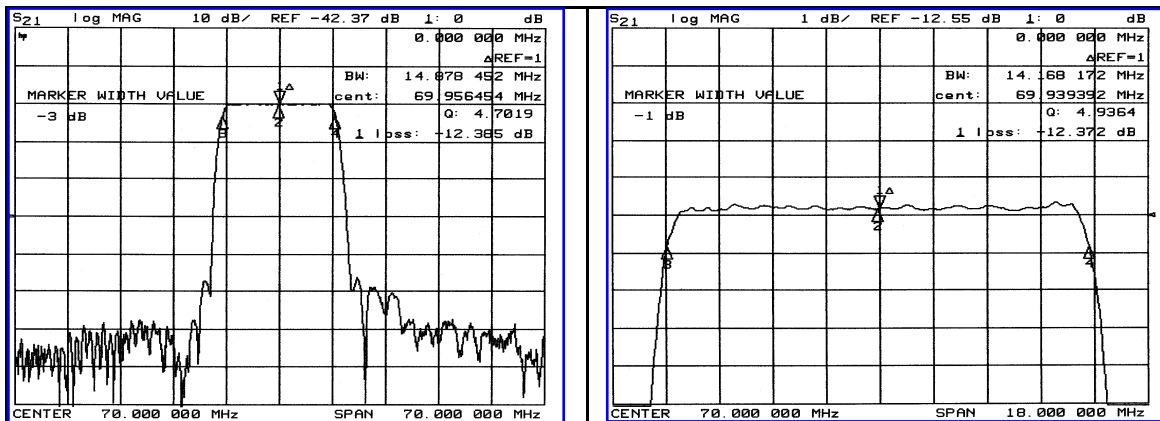


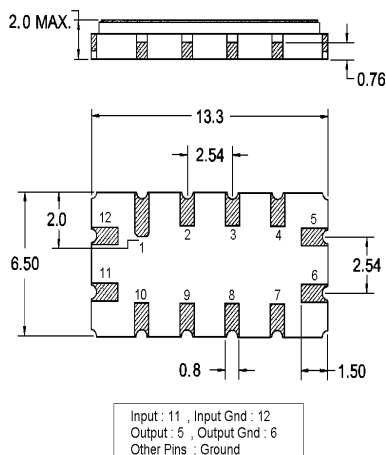
Typical Performance



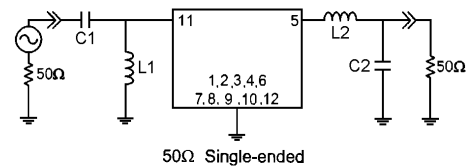
Specification

Parameter	Unit	Min.	Typ.	Max.
Center Frequency	MHz	69.90	70.00	70.10
Insertion Loss	dB	-	13.00	15.00
1dB Bandwidth	MHz	-	14.16	-
3dB Bandwidth	MHz	14.50	14.87	-
40dB Bandwidth	MHz	-	18.08	19.00
Passband Ripple	dB	-	0.45	1.00
Group Delay Variation	nsec	-	50	100
Absolute Delay	μsec	-	1.09	-
Ultimate Attenuation	dB	40	50	-
Substrate Material	-	YZ-LiNbO ₃		
Temperature Coefficient	ppm/°C	-86		

Package Dimension



Matching Configuration



L1=100nH, L2=120nH, C1=100pF, C2=43pF
Source / Load Impedance = 50Ω
Ambient Temperature = 25°C

11/03/2005

