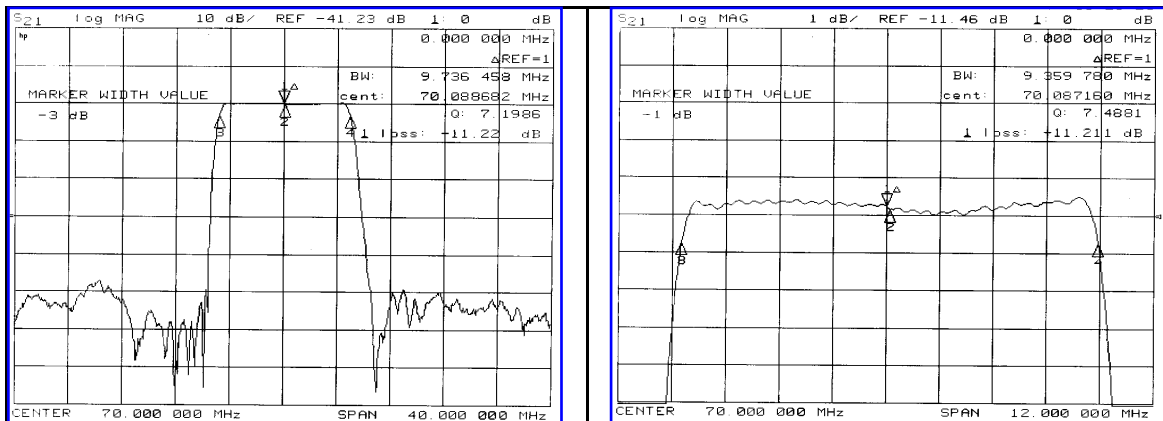


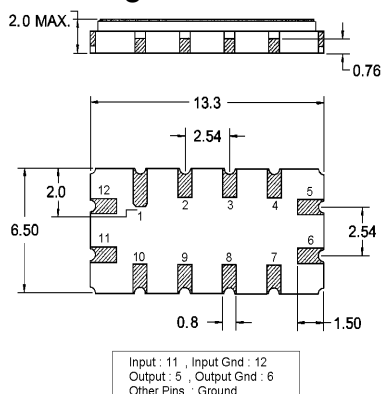
Typical Performance



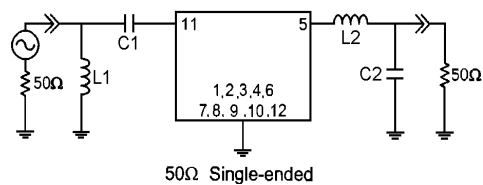
Specification

Parameter	Unit	Min.	Typ.	Max.
Center Frequency	MHz	69.90	70.00	70.10
Insertion Loss	dB	-	12.00	13.50
1dB Bandwidth	MHz	-	9.35	-
3dB Bandwidth	MHz	9.50	9.72	-
20dB Bandwidth	MHz	-	10.91	11.20
40dB Bandwidth	MHz	-	11.75	-
Passband Ripple	dB	-	0.55	1.00
Group Delay Variation	nsec	-	100	200
Absolute Delay	µsec	-	1.56	-
Ultimate Attenuation	dB	40	50	
Substrate Material	-	YZ-LiNbO ₃		
Temperature Coefficient	ppm/°C	-86		

Package Dimension



Matching Configuration



L1=68nH, L2=82nH, C1=270pF, C2=68pF
Source / Load Impedance = 50Ω
Ambient Temperature = 25°C

03/16/2006

