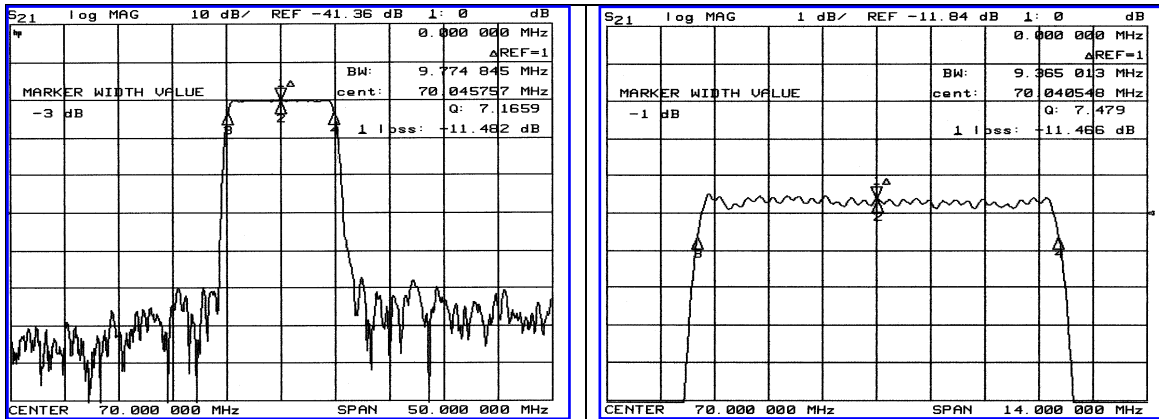


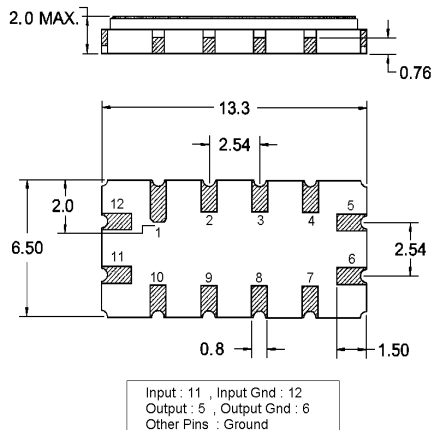
Typical Performance



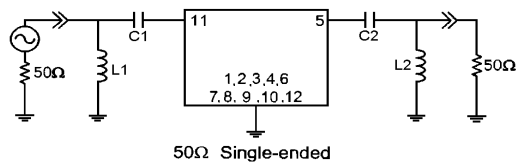
Specification

Parameter	Unit	Min.	Typ.	Max.
Center Frequency	Mhz	69.92	70.00	70.08
Insertion Loss	dB	-	11.50	13.00
1dB Bandwidth	Mhz	9.20	9.36	-
3dB Bandwidth	Mhz	9.50	9.77	-
40dB Bandwidth	Mhz	-	11.78	12.00
50dB Bandwidth	Mhz	-	-	-
Passband Ripple	dB	-	0.55	1.00
Group Delay Variation	nsec	-	50	100
Absolute Delay	µsec	-	1.5	-
Ultimate Attenuation	dB	40	50	-
Substrate Material	-	YZ-LiNbO ₃		
Temperature Coefficient	ppm/°C	-86		

Package Dimension



Matching Configuration



L1=L2=82nH, C1=240pF, C2=240pF
Source / Load Impedance = 50Ω
Ambient Temperature = 25°C

11/30/2004

