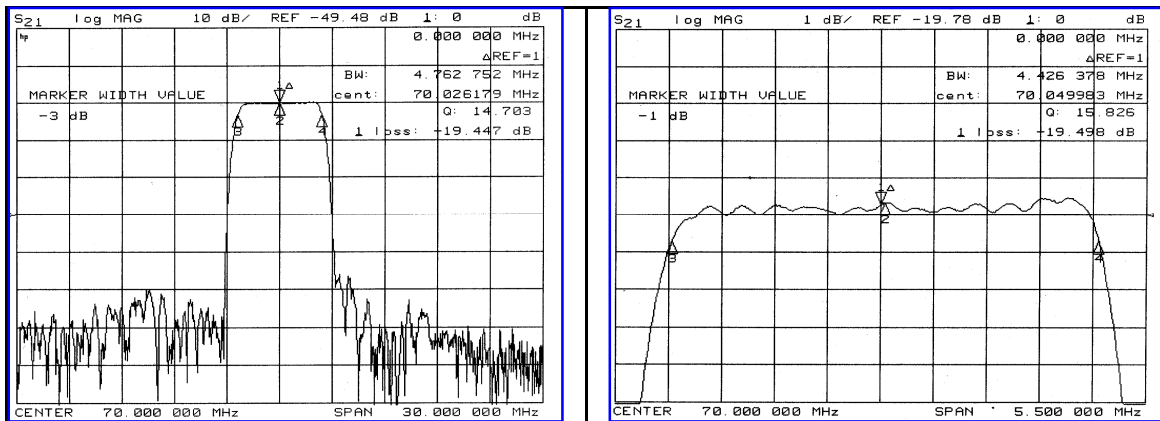


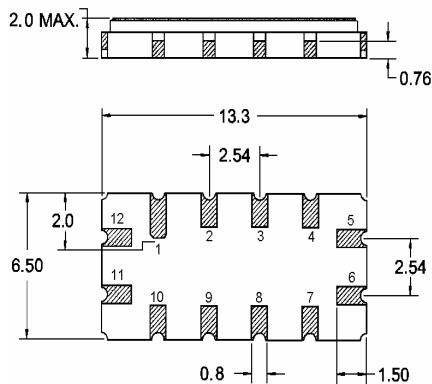
Typical Performance



Specification

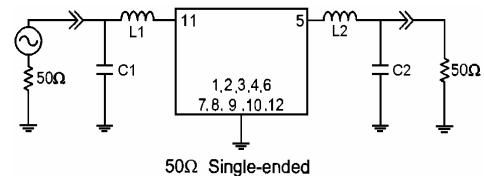
Parameter	Unit	Min.	Typ.	Max.
Center Frequency	MHz	69.92	70.00	70.08
Insertion Loss	dB	-	20.00	22.00
1dB Bandwidth	MHz	-	4.42	-
3dB Bandwidth	MHz	4.50	4.76	-
40dB Bandwidth	MHz	-	6.15	6.50
Passband Ripple	dB	-	0.55	1.00
Group Delay Variation	nsec	-	100	200
Absolute Delay	μsec	-	1.65	-
Ultimate Attenuation	dB	42	48	-
Substrate Material	-	112-LiTaO ₃		
Temperature Coefficient	ppm/°C	-20		

Package Dimension



Input : 11 , Input Gnd : 12
 Output : 5 , Output Gnd : 6
 Other Pins : Ground

Matching Configuration



L1=180nH, L2=120nH, C1=51pF, C2=43pF
 Source / Load Impedance = 50Ω
 Ambient Temperature = 25°C

01/18/2006

