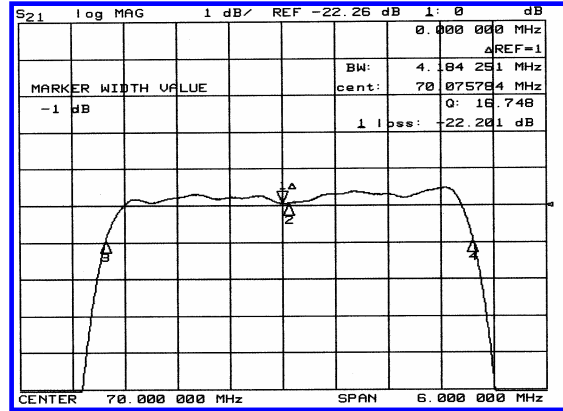
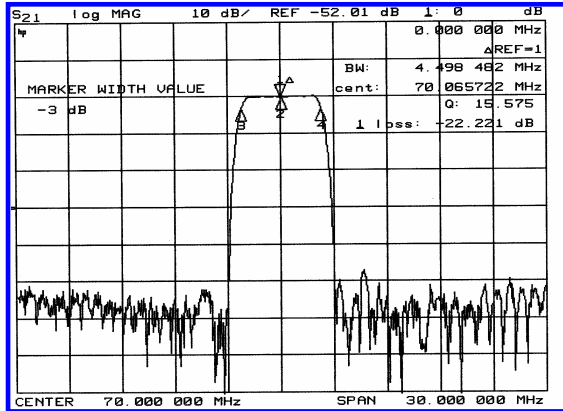


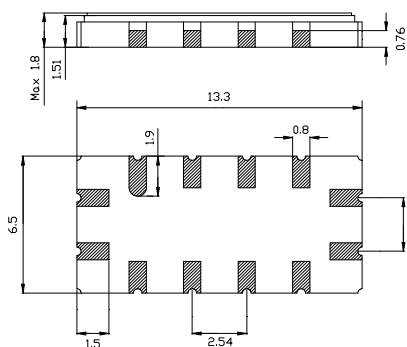
Typical Performance



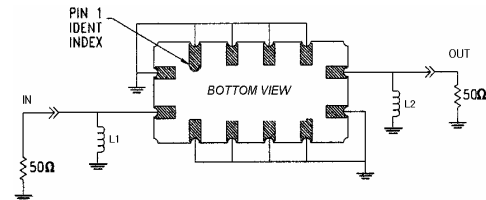
Specification

Parameter	Unit	Min.	Typ.	Max.
Center Frequency	Mhz	69.92	70.00	70.08
Insertion Loss	dB	-	22.5	24.0
1dB Bandwidth	Mhz	4.00	4.18	-
3dB Bandwidth	Mhz	4.30	4.48	-
40dB Bandwidth	Mhz	-	5.87	6.00
Passband Ripple	dB	-	0.65	1.00
Group Delay Variation	nsec	-	50	100
Absolute Delay	µsec	-	1.4	-
Ultimate Attenuation	dB	40	50	-
Operating Temperature	deg C	-40	25	+85
Substrate Material	-	LiTaO ₃		
Temperature Coefficient	ppm/°C	-20		

Package Dimension



Matching Configuration



L1 = 220nH , L2 = 180nH
Source / Load Impedance = 50Ω
Ambient Temperature = 25°C