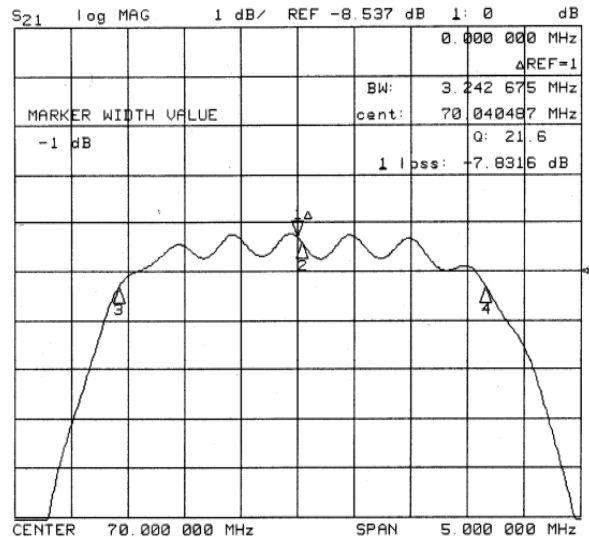
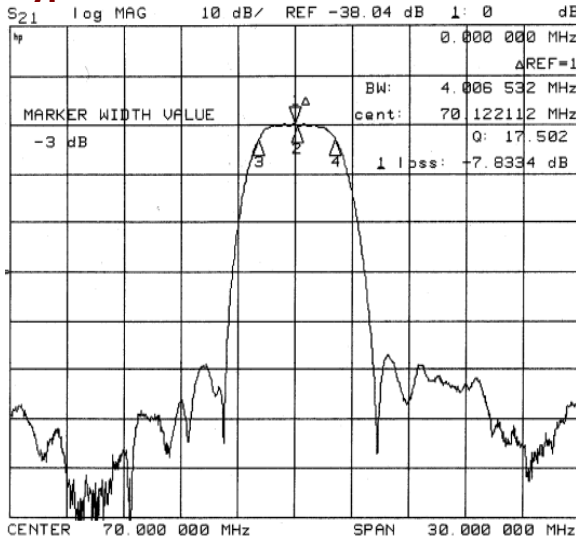


Preliminary

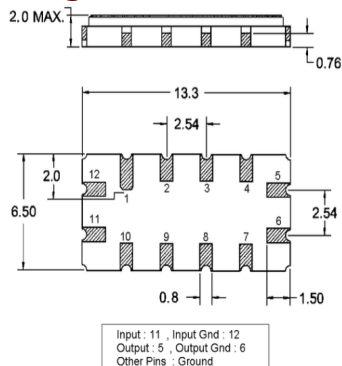
Typical Performance



Specification

Index	Unit	Min	Typical	Max
Center Frequency	MHz	69.85	70	70.15
Insertion Loss	dB	-	7.5	8.50
1 dB Bandwidth	MHz	-	3.24	-
3 dB Bandwidth	MHz	3.5	4	-
40 dB Bandwidth	MHz	-	7.42	8
Passband Ripple	p-p dB	-	0.75	1.0
Group Delay Variation	nsec	-	150	200
Ultimate Attenuation	dB	40	45	-
Absolute Delay	usec	-	1.27	-
Substrate Material	-	YZ-LiNbO ₃		
Package	mm ²	13.3 x 6.5 (SMD)		

Package Dimension



Matching Configuration



L1 = 100 nH, L2 = 100 nH, C1 = 14 pF
Source / Load Impedance = 50 Ω
Ambient Temperature = 25°C

