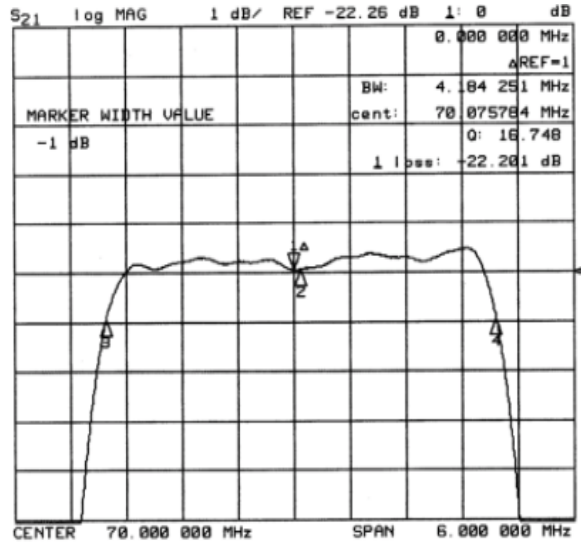
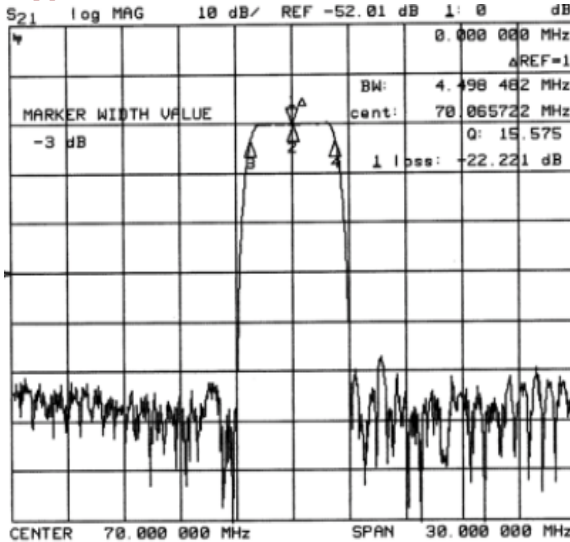


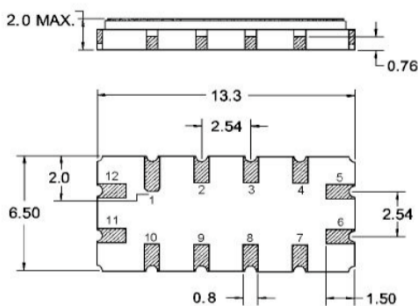
Typical Performance



Specification

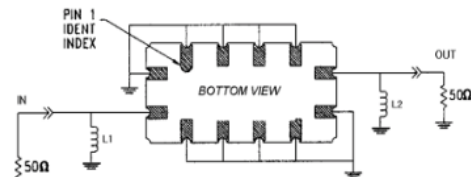
Index	Unit	Min	Typical	Max
Center Frequency	MHz	69.92	70.00	70.08
Insertion Loss	dB	-	22.5	24
1 dB Bandwidth	MHz	4.00	4.18	-
3 dB Bandwidth	MHz	4.30	4.48	-
40 dB Bandwidth	MHz	-	5.87	6.00
Passband Ripple	dB	-	0.65	1.0
Group Delay Variation	nsec	-	50	100
Ultimate Attenuation	dB	40	50	-
Absolute Delay	usec	-	1.4	-
Operating Temperature	°C	-40	25	85
Substrate Material	-	LiTaO ₃		
Package	mm ²	13.3 x 6.5 (SMD Pkg)		

Package Dimension



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

Matching Configuration



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