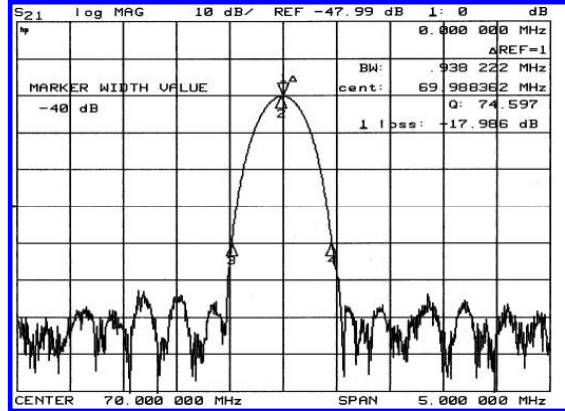
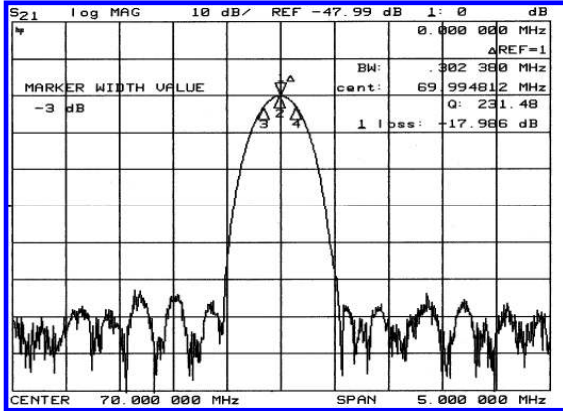


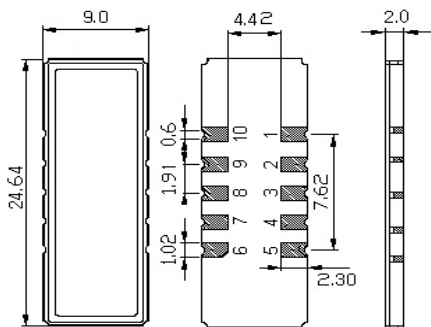
Typical Performance



Specification

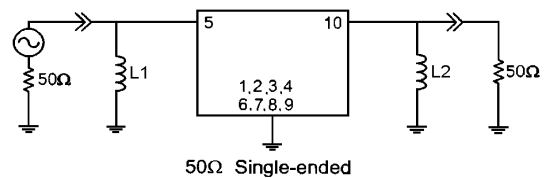
Parameter	Unit	Min.	Typ.	Max.
Center Frequency	Mhz	69.95	70.00	70.05
Insertion Loss	dB	-	18.0	20.0
1dB Bandwidth	Mhz	0.15	0.17	-
3dB Bandwidth	Mhz	0.28	0.30	-
20dB Bandwidth	Mhz	-	0.72	0.80
40dB Bandwidth	Mhz	-	0.93	1.00
Passband Ripple	dB	-	0.65	1.00
Group Delay Variation	nsec	-	200	300
Absolute Delay	µsec	-	3.5	-
Ultimate Attenuation	dB	50	55	-
Substrate Material	-	Quartz		
Temperature Coefficient	ppm/°C ²	-0.03		

Package Dimension



5 : Input , 6: In-Gnd
10 : Output , 1 : Out-Gnd
2,3,4,7,8,9 : Case Gnd

Matching Configuration



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

10/29/2004