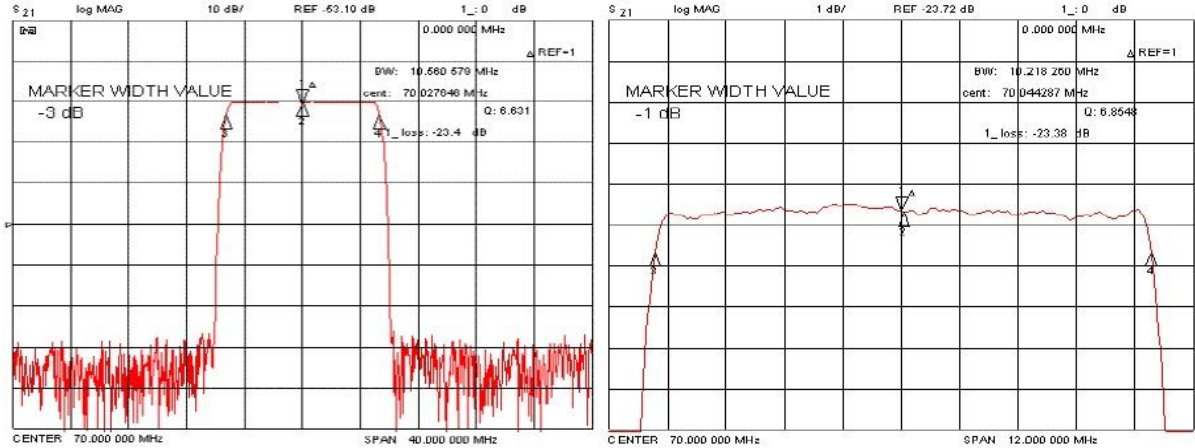


70 MHz Bandpass Filter 10.0 MHz Bandwidth

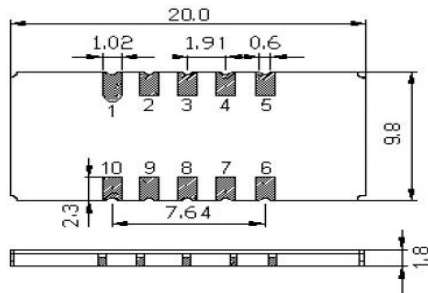
Typical Performance



Specification

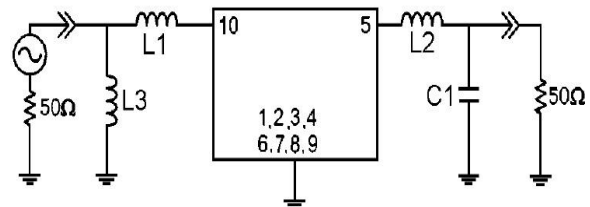
Index	Unit	Min	Typical	Max
Center Frequency	MHz	69.92	70.00	70.08
Insertion Loss	dB	-	23.50	25.00
1 dB Bandwidth	MHz	10.00	10.21	-
3 dB Bandwidth	MHz	-	10.56	-
40 dB Bandwidth	MHz	-	11.95	12.10
Passband Ripple (Fc±5.0MHz)	dB	-	0.85	1.50
Group Delay Variation (Fc±5.0MHz)	nsec	-	50	100
Absolute Delay	μsec	-	2.21	-
Ultimate Attenuation	dB	50	55	-
Package	mm ²	20*9.8		
Substrate Material	-	128-LiNbO ₃		
Temperature Coefficient	ppm/°C	-72		

Package Dimension



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

Matching Configuration



50Ω Single-ended

L1=15nH, L2=15nH, L3=270nH, C1=18pF
Source / Load Impedance = 50Ω
Ambient Temperature = 25°C