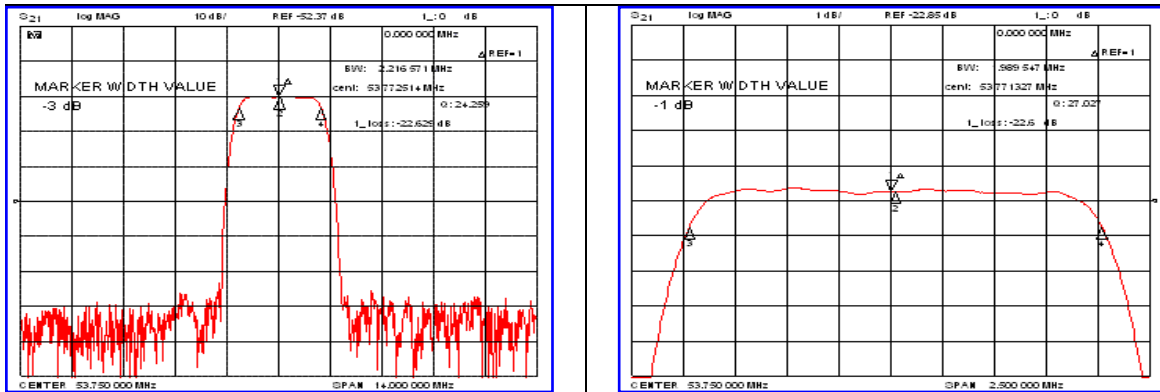


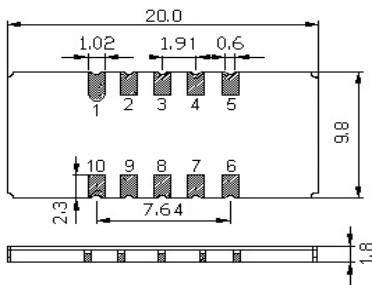
Typical Performance



Specification

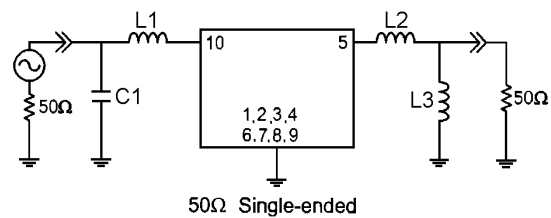
Parameter	Unit	Min.	Typ.	Max.
Center Frequency	MHz	-	53.75	-
Insertion Loss	dB	-	22.62	25.00
1dB Bandwidth	MHz	-	1.98	-
3dB Bandwidth	MHz	2.10	2.21	-
40dB Bandwidth	MHz	-	3.11	3.20
Relative Attenuation				
3dB Edge \pm 400Hz	dB	20	26	-
3dB Edge \pm 600Hz	dB	35	45	-
3dB Edge \pm 1MHz	dB	45	50	-
3dB Edge \pm 5MHz	dB	50	55	-
Passband Ripple($F_c \pm 0.82$ MHz)	dB	-	0.30	1.00
Group Delay Variation	nsec	-	100	200
Absolute Delay	μ sec	-	2.39	-
Ultimate Attenuation	dB	50	55	-
Substrate Material	-	Quartz		
Temperature Coefficient	ppm/ $^{\circ}$ C	-0.03		

Package Dimension



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

Matching Configuration



L1=470nH, L2=390nH, L3=270nH, C1=110pF
 Source / Load Impedance = 50 Ω
 Ambient Temperature = 25 $^{\circ}$ C

Rev0. 081010

