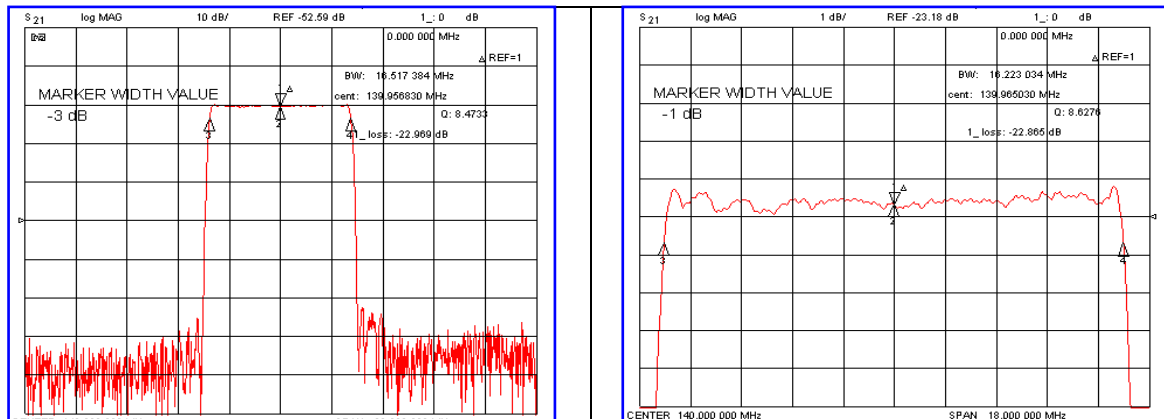


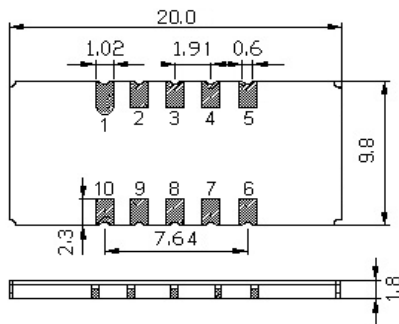
Typical Performance



Specification

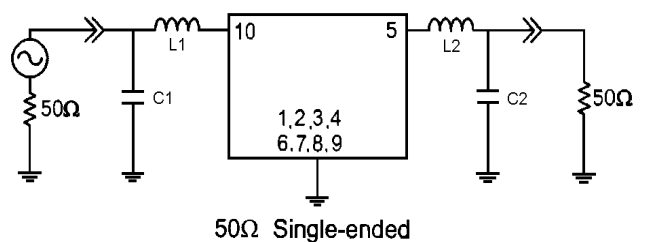
Parameter	Unit	Min.	Typ.	Max.
Center Frequency	MHz	-	140.00	-
Insertion Loss	dB	-	22.96	25.00
1dB Bandwidth	MHz	16.00	16.22	-
3dB Bandwidth	MHz	-	16.51	-
40dB Bandwidth	MHz	-	17.85	18.00
50dB Bandwidth	MHz	-	18.00	-
Passband Ripple($F_c \pm 7.5$ MHz)	dB	-	0.60	1.00
Group Delay Variation($F_c \pm 7.5$ MHz)	nsec	-	42	80
Absolute Delay	μ sec	-	2.19	-
Ultimate Attenuation	dB	50	53	-
Substrate Material	-	128- LiNbO ₃		
Temperature Coefficient	ppm/ $^{\circ}$ C	-72		

Package Dimension



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

Matching Configuration



L1=47nH, L2=15nH, C1=18pF, C2=18pF
 Source / Load Impedance = 50Ω
 Ambient Temperature = 25 $^{\circ}$ C

Rev0. 090910

