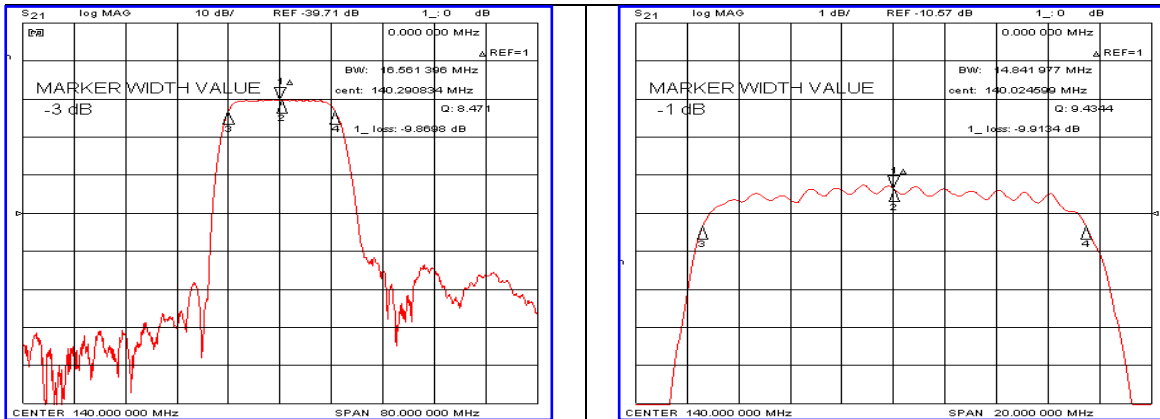


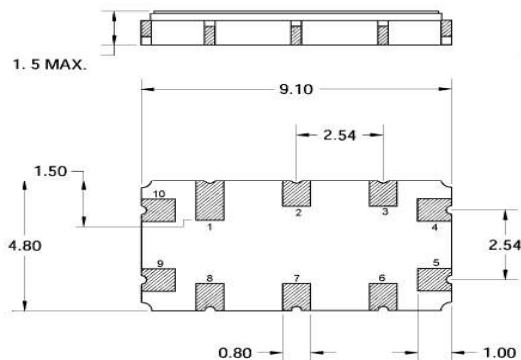
Typical Performance



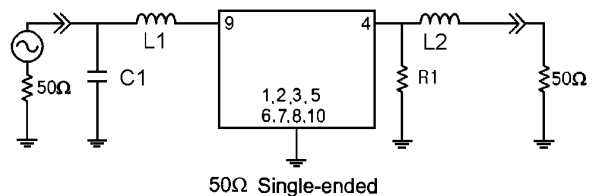
Specification

Parameter	Unit	Min.	Typ.	Max.
Center Frequency	MHz	-	140.00	-
Insertion Loss	dB	-	9.80	11.50
1dB Bandwidth	MHz	14.50	14.86	-
3dB Bandwidth	MHz	-	16.56	-
40dB Bandwidth	MHz	-	23.84	24.50
Relative Attenuation	-	-	-	-
10 ~ 126MHz	dB	45	52	-
155 ~ 164MHz		37	42	-
164 ~ 170MHz		40	45	-
170 ~ 250MHz		43	48	-
Passband Ripple($f_c \pm 6.5\text{MHz}$)	dB	-	0.50	1.00
Group Delay Variation($f_c \pm 6.5\text{MHz}$)	nsec	-	40	80
Phase Linearity($F_c \pm 6.5\text{MHz}$)	degree	-	6	-
Absolute Delay	µsec	-	0.48	-
Substrate Material	-	YZ-LiNbO ₃		
Temperature Coefficient	ppm/°C	-86		

Package Dimension

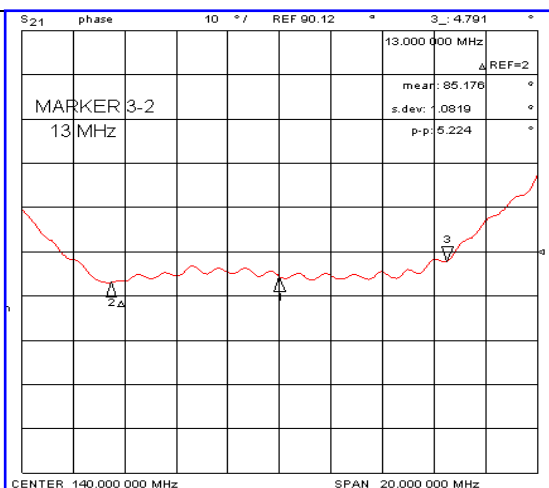
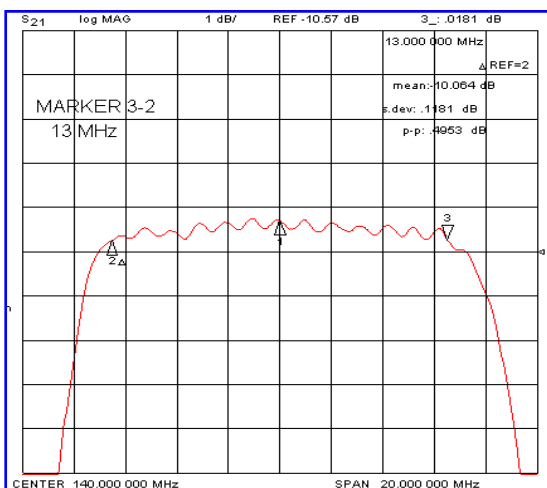
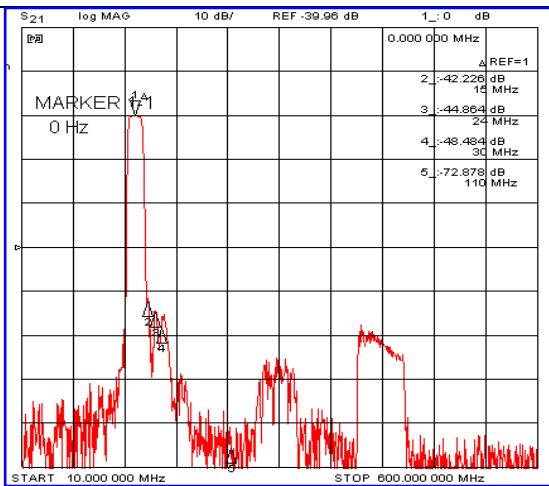
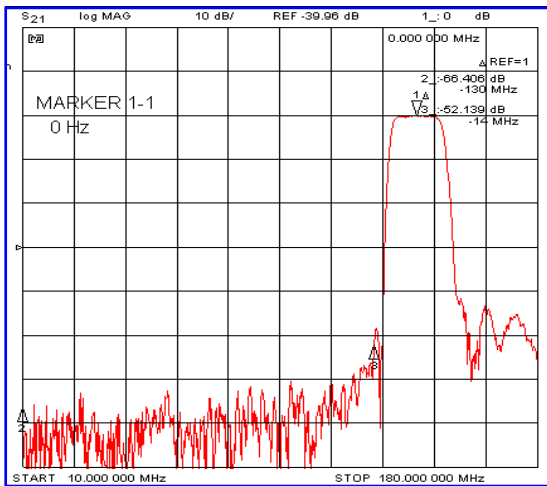
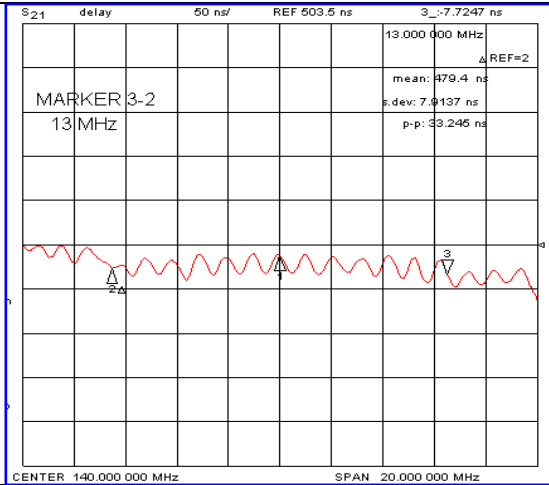
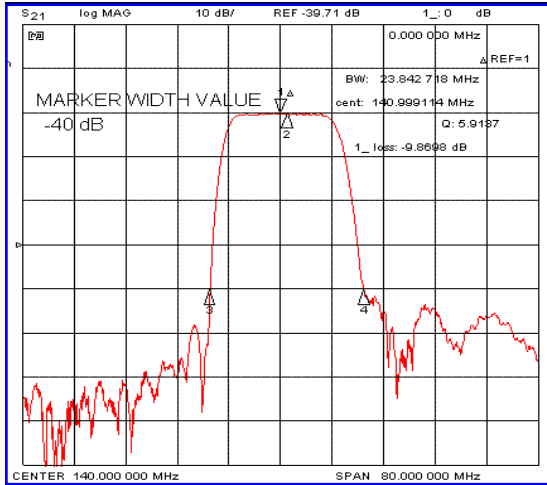


Matching Configuration



L1=68nH, L2=56nH, R1=330Ω, C1=22pF
 Source / Load Impedance = 50Ω
 Ambient Temperature = 25°C

Rev.0 100806



www.ctech.co.kr

