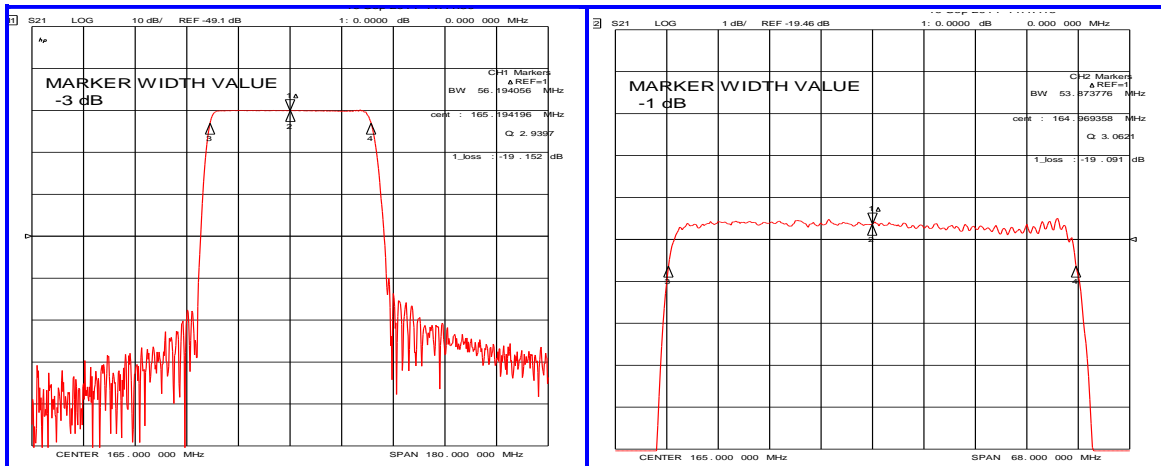


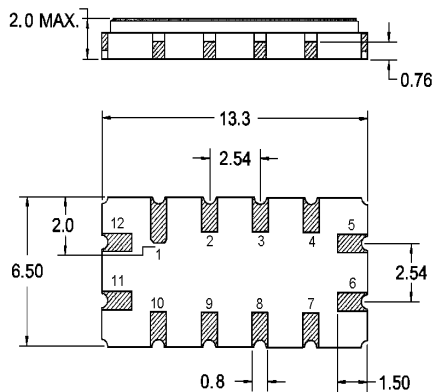
### Typical Performance



### Specification

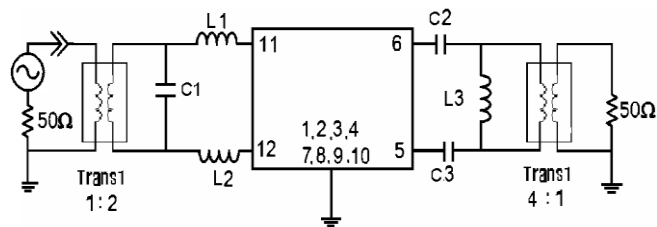
Parameter	Unit	Min.	Typ.	Max.
Center Frequency(at-1dB)	MHz	164.80	165.00	165.20
Insertion Loss	dB	-	19.15	20.00
1dB Bandwidth	MHz	53.00	53.80	-
3dB Bandwidth	MHz	55.50	56.19	-
40dB Bandwidth	MHz	-	65.50	67.00
Passband Ripple( $F_c \pm 25\text{MHz}$ )	dB	-	0.40	0.80
Group Delay Variation( $F_c \pm 25\text{MHz}$ )	nsec	-	10	30
Absolute Delay	$\mu\text{sec}$	-	0.50	-
Ultimate Attenuation	dB	40	45	
Substrate Material	-	YZ-LiNbO <sub>3</sub>		
Temperature Coefficient	ppm/ $^{\circ}\text{C}$	-86		

### Package Dimension



Input : 11 , Input Gnd : 12  
 Output : 5 , Output Gnd : 6  
 Other Pins : Ground

### Matching Configuration



L1,L2=27nH, L3=82nH, C1=16pF,C2,C3=47pF  
 Inductor Type : Coil Type  
 Source / Load Impedance = 50 $\Omega$   
 Ambient Temperature = 25 $^{\circ}\text{C}$

Rev0. 140922

